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INTERMOUNTAIN REPORTER

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Associate Chief's Award for Outstanding Internal Communication 1990

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Department of
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Forest Service

Intermountain Region

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NATIONAL FORESTS 1891-1991

OBSTACLES FALL

Make sure you have food, water and gas, and that someone from the office knows your destination in case of an emergency, and you're set for a day of field work on the National Forest.

For some, that experience holds greater challenges. Try to imagine how a wheelchair would complicate the logistics. This one item completely changes the "how to's" of the outing.

Some 13 years ago, Cerebral Palsy left Melissa Makin with limited use of her legs—and a wheelchair. Melissa has worked for a year as the Wasatch-Cache National Forest Information Receptionist at the Ogden Union Station. It wasn't until this summer that Melissa really had a chance to get out "in the field."

Despite her disability, Melissa chose to do, as a special project, a campground accessibility plan for the Ogden Ranger District, a choice that enables her to see many scenic locations on the District.

Fieldgoers usually prefer travelling by truck for easier access to some areas. Yet getting Melissa in a truck was a problem. Melissa and Barbara Burgan, Ogden District Public Affairs Specialist, found the solution rather quickly one morning as they headed to the Forest together.

Melissa Makin works on her campground accessibilty plan for the Ogden Ranger District.

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Melissa grabbed the handle above the door and lifted herself up into the truck (chin-up style), while Barbara pushed Melissa's feet and helped to lift her in. This enabled Melissa to slide into her seat. (If that verbal description doesn't bring a mental picture, the photograph will fill in the gaps.)

Melissa has an advantage over some with physical disabilities. She can use crutches to get to commercial and campground restrooms that would be inaccessible to those in wheelchairs. More primitive conditions require further improvisation.

Melissa points out other concerns in her campground accessibility plan, such as: the need for cool, shady sites; level, smooth access surfaces to these sites; accessible water spickets and drinking fountains; proper height on picnic tables and cooking grills, and sites that are easily accessible for aging visitors.

Pushing and shoving, Barbara Burgan helps Melissa Makin in a Forest Service truck.

Working with Melissa has made more District co-workers aware that the physically challenged have specific needs and that "Forests Are For Everyone." The Union Station Information Center was made totally accessible for Melissa and physically-challenged visitors, but District changes won't end there. More and more visitors with disabilities are using the Wasatch-Cache National Forest every day.

Melissa (phone 801-629-8600) would like to hear from you if you have concerns about accessibility or know about activities on your Forest that you would like to share.

Editorial Policy—*Intermountain Reporter*

The following editorial policy reflects the Regional Forester's desire to produce a quality Regional newsletter that enhances internal communications and helps make the Intermountain Region a good place to work.

1. Articles in the Intermountain Reporter will feature people.

2. Each issue will attempt to contain something about each National Forest within the Region.

3. The Regional Forester's message will express his current feelings regarding situations within the Region.

4. The content of the Reporter will be consistent with Forest Service policy.

5. All submissions must be delivered to the Editor by the 10th of the month prior to the desired publication date.

6. Articles should be sent to the Editor on DG (Editor:R04A). Photos to accompany text are to be sent to the Editor separately with a hard copy of the text.

7. Articles should not exceed 800 words in length.

8. Photos should be black and white.

9. All articles are subject to editing.

10. Not all articles that are submitted will be printed.

11. The Editor has final say over content.

12. The author's name, title, and unit should be shown at the end of the article being submitted.

"I was going to buy a copy of, 'The Power of Positive Thinking,' and then I thought 'What good would that do?'"

—Ronnie Shakes

Regional Forester's Message

This year, we have been caught up in the hoopla and fanfare of a 100-year anniversary. It's been fun sharing our history with others through special newsletters, various rendezvous, open houses, dedications, reunions, parade entries, pins, flags, posters and numerous other activities. It gave us a chance to say publicly that we're proud of our organization and the things that have been accomplished since it came into being. Those with Centennial responsibilities have done a fantastic job promoting this segment of conservation history while reminding us of our original mandate.

No birthday or anniversary party lasts forever. As Centennial activities wind down and the memories and memorbilia are put away in a less active file, it's time for some introspection. It's time to give some thought to the accomplishments we want to celebrate as an agency a 100 years from now.

In his speech at the National Forest Service Centennial celebration at Cody, Wyoming, in June, Donald M. Kendall, Chief Executive Officer of PepsiCo, said Americans are a paradox." We are romantics—who also like to make money. We want to use things—but also leave them pristine." As I see it, the Forest Service will enter its second century in 1992 right in the middle of that paradox.

Associate Chief George Leonard reportedly said that he studies the past when he seeks answers for the future. Not all our employees would seek a solution in that manner. Some employees fail to see the value of history in planning our Agency's future; while others overglorify the past.

The facts are that I see areas on the ground where our management is not the caliber it once was. We need to determine the reasons for that decline. What can be learned from yesteryear and coupled with current technology to regain lost ground? As Richard L. Evans said, "The past is to learn from and not to live in."

If we are wise, we will use the past to keep us from stumbling over the same stones we have tripped over before. We will take advantage of the opportunity we have to sift through our history and select those parts that will serve us now.

Athletes are never content to match a past record; they want to break it. In August, for example, Carl Lewis set a world record when he ran the 100-meter race in 9.86 seconds at the World Track and Field Championships in Tokyo. Athletes don't want to undo what has been done; they just want to do it better.

Another current event has a strong message for our future success. Newscasters tell us that the recent collapse of communism in Russia came because its leaders were turned inward instead of outward. A focus on the needs of Forest Service customers always has and always will serve us well.

John Fowles, the British novelist, once said that "achieving a relationship with nature is both a science and an art." The future of the Intermountain Region should be one of scientific responsibility for good stewardship of the natural resources, coupled with the art of serving our customers for the good of the National Forests.

The Yuk in the Water

Water is a HOT issue in the 90's.

In 1972, Congress passed Water Pollution Control Act Amendments, later called the Clean Water Act. Simply put, the intent of this milestone legislation was to clean up the Nation's water.

For many years, significant strides were made in attacking direct discharges of pollution into the Nation's rivers, streams and lakes either through treatment measures or elimination. Direct pollution sources, also known as point sources, include industrial waste, sewage and agricultural feedlot waste. Although also identified as a problem in 1972, the attack was not as aggressive for nonpoint sources (NPS) which are diffuse pollutants that are difficult to trace to a specific source. Silvicultural practices, construction and grazing are examples of activities which produce nonpoint source pollution.

Emphasis shifted from passively planning and identifying point pollution problems to actively correcting nonpoint source pollution when the Water Quality Act of 1987 was passed giving the states primary responsibility for water quality management.

The Act requires states to prepare assessments describing the extent of NPS problems and to develop programs addressing those problems. The Environmental Protection Agency (EPA) has oversite responsibilities that include approval of state plans and programs.

In a recent Government Accounting Office report to Congress, EPA was challenged to assume a greater leadership role. It was recommended that EPA adjust its funding priorities for water quality programs to allow states to pursue key objectives of an effective nonpoint source agenda. It has been recommended to Congress that EPA be allocated water quality funding in FY 1992 to provide greater emphasis to controlling NPS pollution.

The Intermountain Region has a keen interest in working with the states to eliminate nonpoint sources. That effort is complicated by the need to work with five states and three EPA regions, each with a slightly different program approach. Nevertheless, a strong partnership is being built with the states, EPA and other agencies to reduce water pollution and protect streams and lakes from impacts.

One way this can work is by using BMP's, which is short for Best Management Practices, on all National Forest management activities that could impact water. BMP's are applied on the ground or in plans to reduce risks of water pollution. An example of a BMP is using cable-type yarding rather than ground skidding to bring logs in from steep ground.

Idaho is one of the states with certified BMP's designated through the rules and regulations of its "Forest Practices Act." Other states have adopted Forest Service/Soil and Water Conservation practices. The process works by a system called the "feedback loop." BMP's are identified in the planning stages to protect beneficial uses of water, such as fisheries or drinking water, and then are monitored for effectiveness in meeting water quality protection goals. The "feedback loop" is the essential ingredient in water quality protection on National Forest lands.

We are using many approaches to identify nonpoint sources and to rehabilitate chronic problems in response to present water quality laws and public attitudes,. Assistance comes through the timber sale KV program, range betterment funds, various wildlife partnerships (especially fisheries) along with funds specifically designated for watershed improvement. The key element is cooperation. Watersheds that have water quality problems are everyone's problems. Shared resources in planning and financing to turn around water quality problems is good management and it's the right thing to do.

This article would not be complete without mentioning monitoring. Monitoring forest management activities under the umbrella of Forest Plans and Clean Water Act direction is a must for every planned activity documented under the NEPA process. Monitoring is a good communication vehicle. Its a way to let people know how well we are caring for the land. Monitoring completes the "feedback loop."

The states and the Forest Service have agreed to work together to protect and enhance water quality on National Forests. This is what our customers expect in the 90's and, in the Intermountain Region, we are geared up for the challenge of delivering a continuous supply of this important basic resource.

Michael Collette
Hydrologist
Regional Office

BEAR in MIND

The Great Russian Bear came to visit Region 4—but not as a large, shaggy, four-footed mammal. Three Soviet scientists came to compare the Russian way of solving human/bear conflicts with American methods.

There are no grizzlies in Russia but the brown bear, a close cousin, ranges across much of the Soviet Union's vast landscape. The abundance of bears in Russia and the increased freedoms in that country opened the door for the two countries to collaborate on grizzly bear management.

Rodd Richardson, National Grizzly Bear Habitat Coordinator for the Forest Service, invited the Russian scientists to the United States after he visited the Soviet Union last year on behalf of the Interagency Grizzly Bear Committee (IGBC). IGBC members are the top decisionmakers from agencies involved in grizzly bear management. That includes the Regional Foresters from the Northern, Rocky Mountain, and Intermountain Regions of the Forest Service.

In August, Dr. Igor Chestin, brown bear biologist; Dr. Anna Shubkina, animal behaviorist; and Dr. Vadim Skulkin, director of the Center for Ecology, spent 3 weeks visiting the Greater Yellowstone Area and the Northern Continental Divide grizzly bear recovery zones.

They met with grizzly bear managers and researchers, private landowners and Canadian officials to learn about North American human/grizzly bear conflict situations and solutions. The United States now has less than a thousand grizzlies, a fact that prompted lively discussions about how the bear situation might be improved in both countries.

"This Russian visit to the United States was important so they could understand our situations before we began collaborative efforts," Richardson said. "Here in the States, we currently have three options: trap and transport the bear to unfamiliar range; some sort of negative reinforcement to train the bear to leave an area; or, in extreme cases, shoot the bear."

Russian control methods differ for several reasons. With about 130,000 brown bear, troublesome ones are expendable and simply shot. Russians also hunt their bear, keeping them wary of humans. Yet, the brown bear fills aboriginal folklore so Russians respect the bear and stay away from its habitat at critical times.

The visit was nearly disrupted midway by the Soviet hardliner coup attempt. "We continued the talks because there was nothing else we could do. But, of course, their concern was with their country and families during that time," Richardson said.

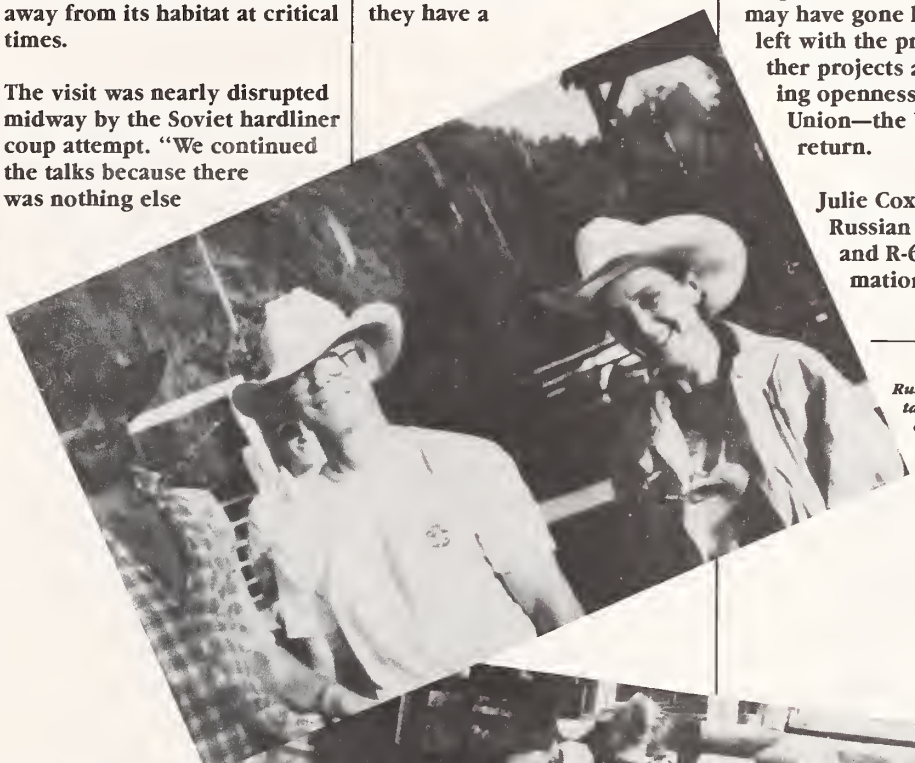
The visit culminated at the IGBC meeting in Glacier National Park. There the Russians presented a summary of the tour and signed a "statement of purpose" with IGBC that outlines future U.S./U.S.S.R. projects that will save time and money and benefit humans and grizzly bear.

For example, in the spring of 1992, the Wyoming Game and Fish Department will host Russian dog specialists and their special bear dogs called Western Siberian laikas to test the dogs' usefulness as a conflict management tool. The dogs which look like small huskies have some special attributes: they have a concern for their own safety; they can be called off bears; and they have generations of bear hunting experience bred into them. Up to now, the Soviets have been very secretive about these universal hunting dogs.

In another project, the Russians will study reliable, negative reinforcement methods such as sounds, sprays or other stimuli to reduce the human/bear conflict. These studies will be done in the U.S.S.R. Anna said that is because, "It is cheaper. We have many bear and we can easily find places with bear of different degrees of aggressiveness."

When the Russians boarded the plane, they and their American hosts felt a sense of accomplishment. The Great Bear may have gone home, but it left with the promise of further projects and continuing openness of the Soviet Union—the bear will return.

Julie Cox
Russian Interpreter
and R-6 Information Assistant



Russian scientists take on the western cowboy look during their visit to the Bridger-Teton National Forest.

Left to right: Rodd Richardson, National Grizzly Bear Habitat Coordinator for the Forest Service; Vadim Skulkin, Igor Chestin and Anna Shubkina, Soviet scientists.

EARLY FOREST RANGERS

Passage of the Federal Forest Reserve Act of 1891 gave the President authority to set aside timberlands from the public domain, but the purpose of these reserves was a matter of congressional debate. Roughly 40 million acres were included in reserves by 1897, the year Congress finally defined the purpose of the reserves as watershed protection and the source of timber supply for the Nation. This was done in the Forest Management (Organic) Act which also gave the Secretary of the Interior authority to regulate occupancy and use within the reserves, develop mineral resources, provide for fire protection, and permit the sale of timber. Even though the U.S. Army had policing responsibilities in Yellowstone Park from 1886 to 1918, reserve supervision became the responsibility of the Interior Department when the Yellowstone Park Timberland Reserve was created on March 30, 1891.

Bernhard Fernow is credited with providing the model—adapted from the Prussian system of state forest management—in an 1891 report on how to manage the reserves. Management actually was done by the Department of the Interior until 1905—first by the Government Land Office and then, in 1901, by the Forestry Division under Filbert Roth. Earlier Roth had worked for the Department of Agriculture under Division of Forestry Director Fernow. The forestry divisions of the two Departments cooperated on forest reserve programs.

Early custody of the reserves by the Government Land Office was based on a hierarchy of state superintendents, reserve supervisors, and rangers who managed districts within the reserves—the ranger being the key to the success of forest reserve management.

The word "ranger" was an American variant of the ancient French verb for "rover", introduced to England by the Normans who came with William the Conqueror in 1066. Rangers were the game wardens on the Royal Forests of England and became the foragers/scouts of colonial expeditions in Virginia in 1716. The forestmaster of Prussian forestry became the forest ranger or protector of the reserves after 1891. Beyond this vague notion of protecting the reserves, the actual duties of the first rangers were rather unclear to all concerned.

One of the early rangers was Edward T. Allen. He was hired at $50 per month in 1898 by the Government Land Office and sent West to Washington State to assume the post of ranger on the Washington reserve (now the Gifford Pinchot National Forest).

After reporting to his supervisor in Tacoma, Allen waited for instructions, only to be told: "That letter (you have) appoints you as a forest ranger, doesn't it? It is signed by the Secretary of the Interior, isn't it? Well, you are now a forest ranger—so go out and range!"

This article was authored by the Washington Office History Staff as one of a series of articles written for the Centennial.

Allen helped set the future trend for rangers by departing for his district, buying a horse, and exploring the area until he knew it in detail; he then proceeded to define his job while doing it as he saw fit. Later in 1902, he helped Roth prepare the Forest Reserve Manual at the Interior Department. It was the book of regulations that evolved a few years later into the Forest Service Use Book. The challenge of the ranger job coupled with the opportunity to earn a steady income in rural areas of the West appealed to venturesome local men. The first defined duty of the ranger was to protect the reserve's resources.

In 1898, William Kreutzer left ranch work for an appointment as an early ranger in Colorado with the charge "to protect the public forests from fire or any other means of injury to the timber growing in said reserves," or so his certificate of office stated.

On the far right, Garden Valley Ranger Burr and his helpers apply education to an every day problem in 1914 on the Payette National Forest.

By 1899 the USDA Division of Forestry, under Gifford Pinchot, was expanding rapidly. Because there were few professional foresters, student assistants were hired from the few existing forestry schools, especially Yale. By 1901, the Department of the Interior Division of Forestry and the Department of Agriculture Bureau of Forestry divided the task of Federal forestry. Interior personnel patrolled the reserves and Agriculture foresters provided technical management plans. The Forest Reserve Manual of 1902 regulated timber use and grazing. Enforcing grazing regulations was to be a constant challenge for many rangers.

Cooperation came after earning the respect of forest users. Accustomed to taking timber and forage from adjacent public lands, local forest users did not accept regulation easily. Employing local men as rangers helped since they could draw on their common background to persuasively explain the need for rules to friends and neighbors. Knowledge of the local customs and language helped. The section on rangers in the 1906 Use Book states that those employed in Arizona and New Mexico should know "enough Spanish to conduct reserve business with Mexicans"[sic].

By 1905, reserve jurisdiction had been moved to the Department of Agriculture and many of the early Government Land Office field people transferred to the Bureau of Forestry, including the numerous student assistants. In 1901, 81 of 179 in a Bureau of Forestry staff were student assistants. The Forest Service seemed to bring out the best in its rangers: many Eastern "dudes" soon were as adept at western ways as the local rangers, while more than one western-born ranger was promoted to top management.

A further factor in ranger selection in 1905 was extending Civil Service authority to the forest reserves. The Forest Service—the new name for the former Bureau of Forestry—developed the first exams (written and practical) for rangers by May 1906. The physical standards demanded then would not apply today with early recruitment posters bluntly stating: "Invalids need not apply." Rangers were expected to "build trails, ride all day and night, pack, shoot, and fight fire without losing (their heads)." The new ranger received a salary varying from $900 to $1,500 per year, out of which he bought his own horse, sidearm, and clothing, and was the lone steward of several hundred thousand acres. As described by Robert J. Duhse (1986:7): "The ranger in his district was often the only policeman, fish and game warden, coroner, disaster rescuer, and doctor. He settled disputes between cattle and sheepmen, organized and led fire-fighting crews, built roads and trails, negotiated grazing and timber sales contracts, carried out reforestation and disease control projects, and ran surveys." Injury and even death was the fate of more than one early ranger.

It was not until the mid-1930's that the Forest Service announced it would no longer make appointments at the professional level without a forestry or related degree, a move that ended the era of the self-taught "rugged outdoorsman" in the agency.

Of course, not all early rangers were alone; many were married and their wives acted as unpaid assistants performing clerical and technical duties, such as tree planting and fire control. Today, it is not unusual for the District Ranger to be a woman, with the further change that she may have a staff of 40 and carry a lap-top computer instead of a pistol into the field. The challenge of the office is no less, and it may be that some rangers today envy early rangers their solitude and freedom.

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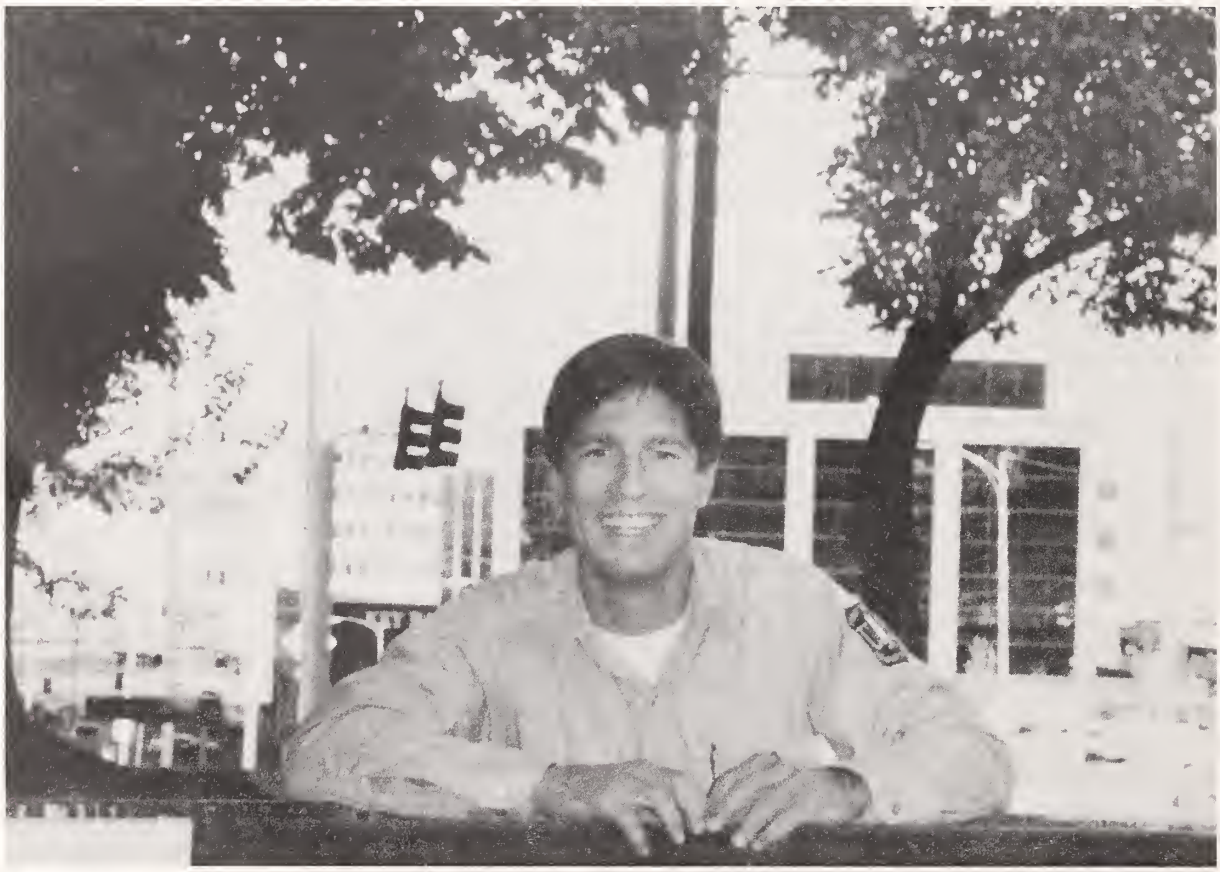
LIFE ON THE EDGE

Managing Forests at the Urban Interface

It used to be that forestry jobs appealed to hardy souls, the quiet ones, who could work long hours in the woods and retire at night, alone, in a rustic cabin. A radio connected them to the outer world and a dinner guest meant a bird at the feeder. Living the simple, yet industrious, life was a drawing card to the forestry profession. But today's forester, though still industrious, must trade some of that simple, peaceful life for one that is more hectic and stressful.



Glenn Casamassa.

Increasingly, foresters, indeed all Forest Service employees, are forming closer relationships with their customers. Direct contacts, such as public meetings, have replaced radios and more action occurs in a courtroom than in the woods. Concerned citizens observe and question nearly all forest activities; but, in addition to their "watchdog" role, members of the public can be, and often are, a powerful ally. Sometimes project completion on National Forests is dependent upon public support. No longer can nor should we want to escape the diverse customers we serve. Glenn Casamassa has worked with and without public involvement and, if given a choice, he'll take the former.

In his job as Recreation and Lands Forester for the Ogden District of the Wasatch-Cache National Forest, Glenn has a steady diet of public contact. The Ogden District rubs shoulders with a large portion of Weber County—home to over 158,000 people, many of whom are vocal in their wants and needs for recreation. Providing the public information and opportunities for involvement is time consuming. But Glenn's not complaining.

"That's my favorite part of the job—that is my job. My number one priority is soliciting public input, trying to understand differing perspectives and meshing them into an approach for managing some aspect of the forest," he says.

These are surprising words from a man who spent his first years with this agency as a Forester on Prince of Wales Island in Alaska. There, he enjoyed being a stereotypical Forester "hanging out in the woods, doing timber sales." Public involvement did not enter his work arena; but today, among his many duties, Glenn is working with community leaders and activists on a project that could improve the quality of life for thousands along the northern Wasatch Front.

Here's the situation. The people of Weber County want an east bench complex of trails that merges with National Forest lands. Most of the National Forest trails there are accessible only by private lands. Additionally, some landowners have been reluctant to grant public right-of-way.

The Ogden City Zoning and Planning Commission contacted the Ogden Ranger District for advice on how to solve the problem. The Commission wanted the lands in public ownership so all trailheads and a connecting trail would be on National Forest System lands. Glenn's condensed response was, "There's no way one single agency can [do this]. We need to do it together." And so, the East Bench Trails Committee was created by the Ogden City Council. Comprised of various individuals, interest groups, and city and county organizations, the Committee developed a master plan describing the desired future condition for public access and development along the Ogden Front.

The Ogden Ranger District and the community now had a clearly defined job to do and lots of help to do it. But, it wasn't the trail system, that inspired people. It was community spirit. Overcoming personal differences was crucial to the project's success. As Glenn explains, "Something I've been saying all along is that property lines divide people and trails unite them and give them a sense of belonging to the community—particularly in an urban area. Now recreationists and property owners, working together, see the need to slice up the pie."

"A lot of us want to accomplish the same goal," agrees Greg Montgomery, Senior Planner for Ogden City and East Bench Trails Committee member. "We may have different ways of getting there, though." What is important, he stresses, is the "joint cooperation between the Forest Service and general citizens." And what is clear to the public, Greg adds, "is that the Forest Service is trying to help them—they're not an entity that is always getting in the way. We're getting together and using our different resources to make this happen."

Still, consensus building with diverse groups is demanding and requires an open mind toward all ideas. "Since we solicit and use public opinion, we really shouldn't have a bias on the outcome," Glenn explains. "So I try to remain objective and not skew analyses to reflect the wants of the Forest Service . . . I have to keep reinforcing the idea that this is public land—we manage it the way people want it managed, at the same time ensuring it will be sustained over time." He adds, "Our customers see public land in a different light. They used to take it for granted but, over time, they have become more educated and aware of what's going on. We provide avenues for them to get involved and they're taking active roles."

It all sounds good. There was a problem and now the Forest Service is working with the community to solve it; but, there is no "quick fix" solution. The project completion date is still 10-15 years away—and that's with a groundswell of community support. Also, not all affected parties are happy with possible outcomes.

Ongoing land-swap activities to acquire east bench lands anger some Salt Lake City residents, Glenn says. "We want to dispose of 6 acres in Salt Lake and acquire almost 1,000 acres [for the East Bench Trails Project]," he explains. "People are upset when it's in their "backyard" and they don't see the immediate benefits of the acquisition. As long as they are unaffected, they may think it's a good idea. So, we try to mitigate issues related to that one parcel of land. If they're losing access to those lands, well, maybe we can build them another access trail. It may not be exactly what they want but at least it's something."

A clearly defined process for overall success outshines these expected and unavoidable problems. Soliciting public involvement and cooperation is not an easy route to travel. The more people involved, the more demands there are and the more complex the situation may become. But boring it is not. For all the frustration and time and energy required, Glenn still derives great satisfaction from his work. "Everyone should work in a place like this—a Forest up against an urban interface. But," he smilingly adds, "sometimes I long for those days on Prince of Wales Island when the radio was broken and no one could contact me . . . but it's only a momentary relapse."

Sue Arnott
Public Affairs Specialist
Regional Office

FIRE on our TERMS

Hazy skies and the acrid smell of wood smoke mark the onset of fall in the mountains of central Idaho. There the prescribed fires set by the Idaho Department of Lands, the Forest Service, and many property owners have become as much a part of autumn as leaves changing color.

Prescribed fires are necessary to reduce wildfire hazards, promote reforestation, improve wildlife habitat, and maintain rangelands, though the smoke drifting from the forest can be unpleasant.

According to research conducted in the Boise Basin, fire burns through a ponderosa pine forest an average of every 7 to 12 years. "It's not a question of if a given acre of land will burn, but when", said Steve Raddatz, Forest Service Fire Management Officer on the Boise National Forest.

"The idea is to manage fire so that it burns under conditions we choose, rather than in August when fires burn so intensely they kill timber, threaten homes and seem to defy all control efforts," added Ed Tarter, Fire Warden for the Idaho Department of Lands.

The philosophy of fire management has come full circle in the last century. Public concern about the threat of wildfires to persons and property began with the "cut and get out" timber harvest practices on private lands in the Lake States during the late 1800's. These practices resulted in tremendous accumulations of slash—the unused limbs, tops and damaged parts of logged trees left in the woods. Catastrophic fires were common. The need to regulate the slash hazard was dramatically illustrated by the Peshtigo Fire in Wisconsin in 1871. The notoriety of this blaze was overshadowed by the fact that it burned the same day as the Great Chicago Fire. Even so, fueled by slash, it consumed hundreds of thousands of acres of forest land and the town of Peshtigo along with 1,500 of its residents.

In 1910, catastrophic fires burned over 5 million acres in the northern Rocky Mountains. That year, the Forest Service adopted a paramilitary fire control policy that waged the equivalent of all-out war on all forest fires. Management of forest fuels was ignored in a single policy line of fire prevention and control that was to last for more than 50 years. This single-minded protection allowed forest fuels to build to an appalling and unnatural level. Speaking about the Yellowstone fires of 1988, researchers William H. Romme and Don G. Despain said, "The principal effect of fire suppression was to delay the onset of a major fire event, which probably was inevitable given the nature of the fuels complex that had developed since the last extensive fires."

University of Washington professor Dr. Bob Lee compares the idea that we can put out every fire while it is small to knights combating a dragon. "The age of chivalry is past. It's too expensive and it doesn't work very well," said Lee. "Suppression, no matter how well it is organized, through all kinds of technological advances, is insufficient and potentially counterproductive."

"Fire has always played a natural role in the woods and it always will," said Tartar. "People need to realize that when they choose to live in the woods, they choose to live in the presence of fire. Firefighting agencies have tried and failed to exclude fire from the Nation's forests."

Firefighters are able to stop 98 percent of all fires while they are small, but the 2 percent that escapes initial control efforts account for most of the damage. "If we allow the current increase of dead forest fuels, we will produce conditions where forest fires become increasingly more destructive, potentially threatening the homes of county residents," added Ed Tarter.

How do large trees survive in the presence of fire? According to Steve Raddatz, stands of large trees persist because fires frequently burn through the forest, taking out the undergrowth but seldom killing trees. "We now face a crisis in the Boise Basin because of fuel accumulated through many years of intensive fire protection, normal logging operations, and now countless acres of beetle-killed pine trees," said Raddatz.

Forest Service officials maintain that the way to protect this area from catastrophic fires is a mix of aggressive fire control in the summer and equally aggressive fuels reduction through the use of prescribed fires.

Prescribed burning is a delicate science that begins when measured fuel moisture and special Weather Service forecasts look favorable. These forecasts give the weather and smoke dispersal outlook for the next 3 to 5 days. Time periods with conditions where fires will produce the desired results are referred to as "prescription windows". The persistent drought conditions that have plagued central Idaho the past several years have reduced the prescription window to only 12 to 20 days per year. "When we're in prescription, we have to be ready to burn 7 days per week," said Raddatz. "The narrow prescription windows that we've had the last few years are contributing to a growing backlog of slash and beetle-killed timber."

Prescription windows open and close with changes in the weather. Even with the latest forecasting technology, the weather often seems to have a contrary mind of its own. For instance, the forecast for Wednesday, October 24, 1990, called for increasing clouds on the following Saturday with a chance of rain or snow. The Idaho Department of Lands, Forest Service and many other landowners started prescribed burning. When Saturday arrived, record high temperatures were recorded! Instead of showers quenching the fires as expected, smoke filled the canyons at night. With the unseasonable weather, people began fighting the prescribed burns to keep them from exceeding prescription.

When fall weather finally turns cold and wet, the prescription window has closed and the prescribed fire season is over. Gone with it is another opportunity to reduce the critical buildup of fuels waiting to feed summer forest fires. Land managers then await spring when they will enter the woods again and deal with fire on their own terms.

"The idea is to manage fire so that it burns under conditions we choose, rather than in August when fires burn so intensely they kill timber, threaten homes and seem to defy all control efforts," said Ed Tarter, Fire Warden for the Idaho Department of Lands.

Regional Exhibits

The Intermountain Region's repertoire of exhibits has changed dramatically. Five years ago, Forest Service booths at fairs and malls were little more than a table with assorted maps and brochures. Today, we have a wide variety of professionally done Regional displays on numerous subjects. In addition to Regional displays, many Forests in the Region have displays that are shown in local communities. The Intermountain Region Symposium in St. George last December hosted 35 displays from Forests and the Regional Office.

This article is to let you see the displays that are available and with enough information to guide you in making selections that meet specific needs. No longer is there a need to feel outclassed when you plan a booth at the county fair or mall.

Richard Pine
Public Affairs Specialist
Regional Office

AMERICA'S GREAT OUTDOORS

SUBJECT: Recreation in the Intermountain Region. Activities depicting various recreational opportunities are the primary theme. A secondary theme is multiple use on the National Forests of the Region.

AUDIENCE: General public.

COLOR: Blue.

SIZE: 10 ft. high, 20 ft. long.

SET UP: 2 hours for two people. Will need someone who is familiar with setting up this display.

CONSTRUCTION: Large plastic panels, pictures and artifacts are velcroed on.

TRANSPORTATION: Two large cases with wheels. As a minimum, need a full-size pickup.

MISCELLANEOUS: Small counter can be used for storage and brochure display.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.

CENTENNIAL

SUBJECT: 100 years of wise use of our natural resources. Celebrates the Centennial of the National Forests.

AUDIENCE: General public.

COLOR: White on black.

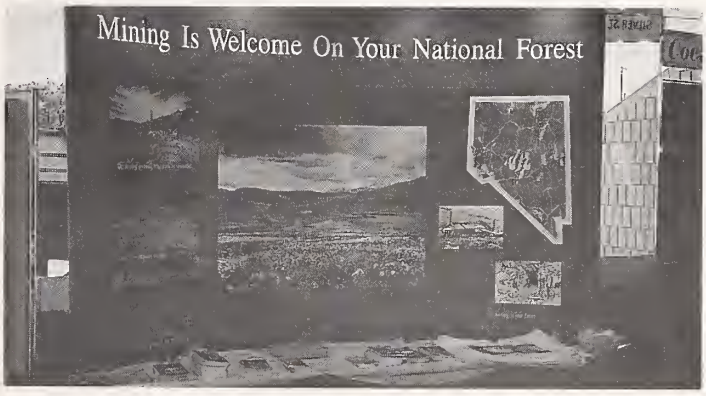
SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour to put up. Can be put up by one but is easier with two people.

CONSTRUCTION: Plastic panels are attached to aluminum frame with small pegs. Astro frame-type construction.

TRANSPORTATION: One large suitcase-size container with wheels. Can fit in a large car or small pickup.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.



AMERICA'S ELK COUNTY

SUBJECT: National Forests provide habitat for the increasing number of elk.

AUDIENCE: General public.

COLOR: Tan.

SIZE: 8 ft. high, 20 ft. long.

SET UP: Eight-foot by two-foot panels are attached to a lightweight aluminum frame. Takes about 1/2 hour for two people to set up.

CONSTRUCTION: Aluminum astro frame with pictorial panels that are attached with magnetic strips.

TRANSPORTATION: Easily transported in two cases (with wheels) that can fit in a large car or small pickup.

MISCELLANEOUS: Small counter can be used for storage and brochure display.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.

MINING IS WELCOME ON YOUR NATIONAL FORESTS

SUBJECT: Mining is welcome on your National Forest.

AUDIENCE: Mining industry and the general public.

COLOR: Dark gray.

SIZE: 4 ft. high, 6 ft. long; a tabletop display.

SET UP: Easy to set up with astro popup frame.

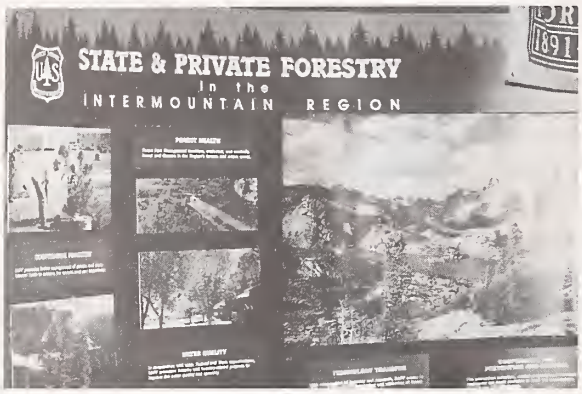
CONSTRUCTION: Attach magnetic strips to aluminum astro frame.

TRANSPORTATION: Can be easily transported in a large car or small pickup. It can also be shipped air freight.

MISCELLANEOUS: Matching grey skirt is attached to the table (supplied by the user) on which the display is set.

TO SCHEDULE: Contact Amy Bunda in the Minerals Staff; Phone 801-625-5156.

STATE & PRIVATE FORESTRY IN THE INTERMOUNTAIN REGION



SUBJECT: State & Private Forestry in the Intermountain Region. Forest health, cooperative forestry, technology transfer and rural development are depicted with large pictorial murals.

AUDIENCE: Forest Service managers.

COLOR: Black carpet base with a blue and black header.

SIZE: 8 ft. high, 10 ft. long.

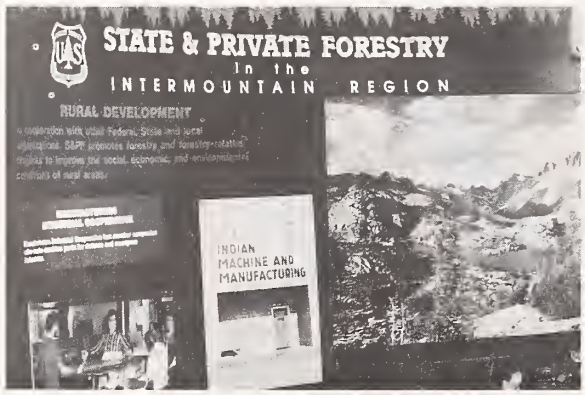
SET UP: 1/2 hour to put up. Can be put up by one but is easier with two people.

CONSTRUCTION: Carpeted panels attached to frame with magnetic strips. Astro frame-type construction.

TRANSPORTATION: Two large suitcase-size containers with wheels. Can fit in a large car or small pickup.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.

RURAL DEVELOPMENT IN THE INTERMOUNTAIN REGION



SUBJECT: The State & Private Forestry base and header are used with large pictures of various rural development projects. Three rural development projects are featured.

AUDIENCE: Forest Service managers.

COLOR: Black carpeted base with a blue and black header.

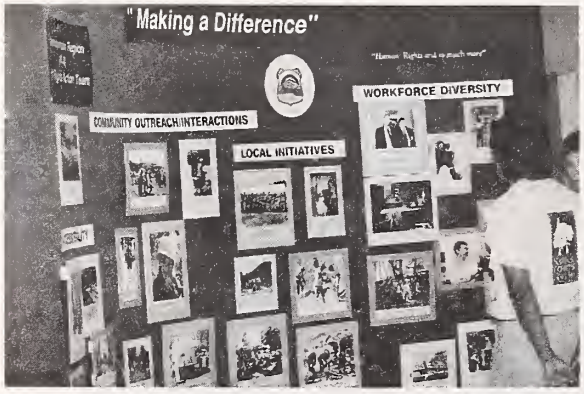
SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour to put up. Can be put up by one but is easier with two people.

CONSTRUCTION: Carpeted panels attached to frame with magnetic strips. Astro frame-type construction.

TRANSPORTATION: Two large suitcase-size containers with wheels. Can fit in a large car or small pickup.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.



THE NATIONAL FORESTS IN UTAH

SUBJECT: The beauty and recreational opportunities of the National Forests in Utah. Display consists of 8 ft. by 4 ft. map, two separate National Forest entry-type signs (one with a video and one with Forest pictures) and two sets of styrofoam trees.

AUDIENCE: Outdoor recreating public.

COLOR: Primarily green.

SIZE: 8 ft. high; 20 ft. long, 5 ft. deep.

SET UP: Complicated. For two people will take at least a couple of hours. It is advisable to have someone help who has set the display up before.

TRANSPORTATION: At least a full-size pickup. Display is transported in three large wooden cases.

MISCELLANEOUS: The entry-type sign that displays photographs can be changed to show text and pictures of any of the six National Forests in Utah. The display can be shipped with one or all six sets of Forest pictures.

TO SCHEDULE: Contact Kathy Jo Pollock, Wasatch-Cache National Forest. Her phone number is 801-524-5030.

HUMAN RESOURCES IN THE INTERMOUNTAIN REGION

SUBJECT: Human resources in the Intermountain Region.

AUDIENCE: General public.

COLOR: Grey.

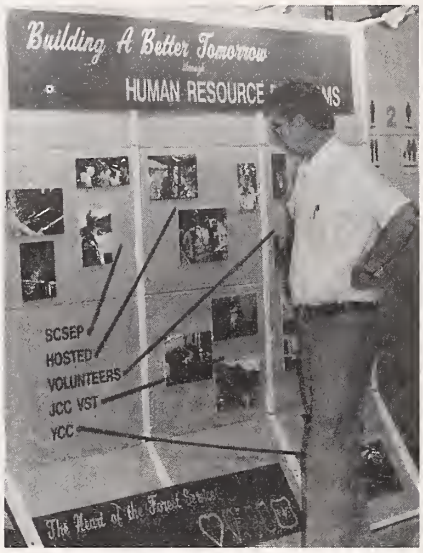
SIZE: 8 ft. high, 6 ft. long.

SET UP: Fairly easy for one person. Will take about one hour.

CONSTRUCTION: Lightweight frame with velcro-type material attached.

TRANSPORTATION: Easily transported in a small pickup or large car.

TO SCHEDULE: Contact Gene Watson at 801-625-5175.



CIVIL RIGHTS IN THE INTERMOUNTAIN REGION

SUBJECT: Pictures depict a variety of activities that deal with civil rights in the Intermountain Region.

AUDIENCE: General public and Forest Service employees.

SET UP: Pictures are attached with velcro. The receiving unit will need to arrange for a display background (the mounting surface for the pictures).

TRANSPORTATION: Two small boxes which easily fit into a car trunk.

TO SCHEDULE: Contact Mary McDonough in the Regional Office Human Rights and Services Staff. Her number is 801-625-5242.

RIPARIAN ECOLOGICAL SYSTEMS

SUBJECT: Riparian management in the Intermountain Region.

AUDIENCE: General public and conference groups.

COLOR: Grey with photo mural.

SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour for one or two people.

CONSTRUCTION: Free-standing astro frame. Fabric and photo murals attached by magnetic strips.

TRANSPORTATION: Large car or small pickup.

MISCELLANEOUS: Two quartz lights need electrical outlet.

TO SCHEDULE: Contact Curt Steinolfson in the Regional Office Range and Watershed Staff. His phone number is 801-625-5597.

SOIL AND WATER MANAGEMENT

SUBJECT: Soil and water management in the Intermountain Region.

AUDIENCE: General public and conference groups.

COLOR: Grey with photo mural.

SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour for one or two people.

CONSTRUCTION: Free-standing astro frame. Fabric and photo murals attached by magnetic strips.

TRANSPORTATION: Large car or small pickup.

MISCELLANEOUS: Two quartz lights need electrical outlet.

TO SCHEDULE: Contact Curt Steinolfson in the Regional Office Range and Watershed Staff. His phone number is 801-625-5597.

RANGE MANAGEMENT

SUBJECT: Range management in the Intermountain Region.

AUDIENCE: General public and conference groups.

COLOR: Grey with photo mural.

SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour for one or two people.

CONSTRUCTION: Free-standing astro frame. Fabric and photo murals attached by magnetic strips.

TRANSPORTATION: Large car or small pickup.

MISCELLANEOUS: Two quartz lights need electrical outlet.

TO SCHEDULE: Contact Curt Steinolfson in the Regional Office Range and Watershed Staff. His phone number is 801-625-5597.

ECOSYSTEMS

SUBJECT: Ecosystem management in the Intermountain Region.

AUDIENCE: General public and conference groups.

COLOR: Grey with photo mural.

SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour for one or two people.

CONSTRUCTION: Free-standing frame. Fabric and photo murals attached by magnetic strips.

TRANSPORTATION: Large car or small pickup.

MISCELLANEOUS: Two quartz lights need electrical outlet.

TO SCHEDULE: Contact Curt Steinolfson in the Regional Office Range and Watershed Staff. His phone number is 801-625-5597.

AIR RESOURCES MANAGEMENT

SUBJECT: Air resources management in the Intermountain Region.

AUDIENCE: General public and conference groups.

COLOR: Grey with photo mural.

SIZE: 8 ft. high, 10 ft. long.

SET UP: 1/2 hour for one or two people.

CONSTRUCTION: Free-standing astro frame. Fabric and photo murals attached by magnetic strips.

TRANSPORTATION: Large car or small pickup.

MISCELLANEOUS: Two quartz lights need electrical outlet.

TO SCHEDULE: Contact Curt Steinolfson in the Regional Office Range and Watershed Staff. His phone number is 801-625-5597.

TREAD LIGHTLY ON OUR PUBLIC LANDS

SUBJECT: Off-road vehicle use on public lands.

AUDIENCE: General public/off-road vehicle users.

COLOR: Black and brown.

SIZE: 8 ft. high, 10 ft. long.

SET UP: Will need an electrical outlet for backlight panels and video monitor.

CONSTRUCTION: Aluminum astro frame with back-lighted panels attached with magnetic strips. Video and monitor are built into counter.

TRANSPORTATION: Will need a pickup to transport.

TO SCHEDULE: Contact Professional Display & Design, 357 East 1300 South, Orem, Utah 84058; Phone 801-221-1200.

FOREST SERVICE LAW ENFORCEMENT

SUBJECT: Displays various law enforcement activities.

AUDIENCE: General public; In-Service.

COLOR: Black frame with red panels.

SIZE: 7 ft. high, 8 ft. long.

SET UP: Easy for two people. Takes about 15 minutes.

CONSTRUCTION: Metal astro frame. lightweight picture panels.

TRANSPORTATION: Easily transported in a car and can also be air freighted.

MISCELLANEOUS: Display is shipped with lights. Lights need not be used but the display is more effective with them.

TO SCHEDULE: Contact Jack Davis on the Ashley National Forest (phone number—801-789-1181) or Kim Christensen on the Wasatch/Cache National Forest (phone number—801-625-5112).

ENGINEERING IN THE FOREST SERVICE

SUBJECT: The role of engineering in the Forest Service.

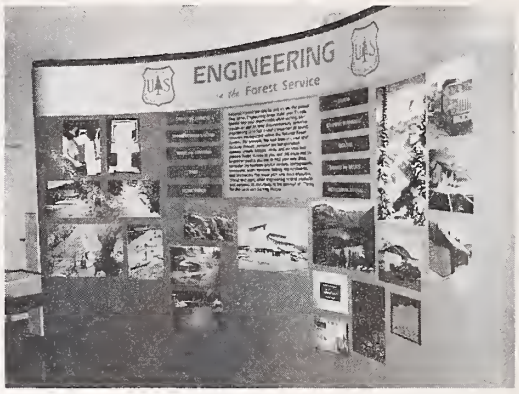
AUDIENCE: General public and In-Service.

COLOR: Grey.

SIZE: 7 ft. high, 10 ft. long.

SET UP: Easy for two people. Takes about 15 minutes.

CONSTRUCTION: Metal astro frame. Lightweight carpeted panels, pictures and text attached with velcro.



TRANSPORTATION: Can be transported in a car and can also be air freighted.

MISCELLANEOUS: Display is shipped with lights. Lights need not be used but the display is more effective with them.

TO SCHEDULE: Contact Jon Leonard in the Regional Office Engineering Staff. His number is 801-625-5226.

ENGINEERING IN THE FOREST SERVICE

SUBJECT: Cadastral surveys.

AUDIENCE: General public and In-Service.

COLOR: Grey.

SIZE: 7 ft. high, 10 ft. long.

SET UP: Easy for two people. Takes about 15 minutes.

CONSTRUCTION: Metal astro frame with lightweight fabric panels.

TRANSPORTATION: Easily transported in a car and can also be air freighted.

TO SCHEDULE: Contact Jon Leonard in the Regional Office Engineering Staff. His phone number is 801-625-5226.

ENGINEERING GEOMETRONICS

SUBJECT: Remote sensing and photogrammetry.

AUDIENCE: General public and In-Service.

COLOR: Black frame.

SIZE: Tabletop display is 4 ft. high and 6 ft. wide.

SET UP: Easy for one or two people. Takes about 15 minutes.

CONSTRUCTION: Lightweight panels made of velcro. Pictures and text are attached with velcro tabs.

TRANSPORTATION: Easily transported in a car.

TO SCHEDULE: Contact Lynn Wiese in the Regional Office Engineering Staff. His phone number is 801-625-5213.

Commands Respect

Jack Carlson, Mountain City District Ranger on the Humboldt National Forest, was selected as a speaker for National Science Day in Washington D.C. He spoke on the cumulative effects analysis the Mountain City Ranger District uses to track the effects of mining on other resources.

National Science Day is sponsored by several professional societies such as the Society for Range Management, the Wildlife Society, the Society of American Foresters and many others.

According to Jack, "We submitted two proposed topics, one about cumulative effects analysis and one about the Big Springs Minerals Showcase. Both were selected but one had to be eliminated because of time constraints. I decided to talk about cumulative effects, because it best fit the theme of this year's National Science Day."

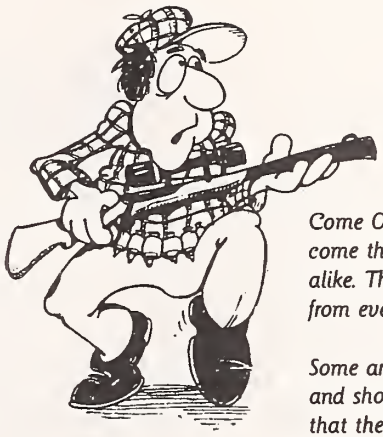
"I felt it was quite an honor to be chosen to give a speech at this event. Most of the speakers had a Dr. in front of their name which was a little intimidating to me until I realized that I have a D.R. after my name.

Before coming home to Mountain City, D.R. (District Ranger) Carlson gave his speech to several of our Washington Office people and visited with Nevada politicians about issues relating to the National Forests in Nevada.

Cheri A. Howell
Public Affairs Specialist
Humboldt National Forest

Mountain City District Ranger Jack Carlson (left) with Forest Service Chief F. Dale Robertson.

Hunters



by
Susanne Smith
Information Assistant
North Fork Ranger District
Salmon National Forest

Come October, come hunting season; come the hunters. All hunters are not alike. These very special people come from everywhere for many reasons.

Some are fun and show it; some are not and show it; and some make it clear that they are here for the "big one." "Where is it?"

Some are frustrated, some are not prepared; this explains the frustration. "You mean I have to go that far? I have to get out of my vehicle and what?"

Some want to know if we even have any animals on this forest; and, if so, "Where are they? I'll bet I walked 10 miles up and down that hill over there today."

Some come in 2-wheel-drive vehicles and expect to get around in 4-wheel-drive country. "We came off that hill in that snow and I was actually scared!"

Some blame us for not finding what they "spent all that money" to get out here to find. "Surely you know where they are." "But sir, it's our job to tie them up, it's your job to find them."

Don't they know the hunted know they're being hunted? Don't they know the hunted know it's October?

Some want snow; "When will it snow? How deep? How high up?" Some don't want snow. "When will it go away? It's wet!"

Some have attitudes and brand new boots. Their attitudes say, "Here I am . . . I'm from — . . . and I'm here to show you how it's done." Those that have brand new boots wish they didn't.

Some have camouflaged vehicles and camouflaged clothes so the animals won't see them. They forget the animals can smell and hear.

"Can my wife, who has no hunting license, follow me around carrying my extra gun for me?" "Yes sir, she can, as long as the extra gun is enclosed in a case." "Oh."

The wife of a hunter, who was left behind, calls and wants to know if her husband has been seen. He left her there to run the farm and she hasn't heard from him since. However, please don't tell him she called because she doesn't want him to worry.

The world is a stage. Come October, come the entertainers.

Filling the Void with Service

Roland and Faun Hansen (left), Campground Hosts on the Evanston Ranger District.

Roland and Faun Hansen have been volunteer campground hosts since 1987. They spend their summers at Stillwater Campground on the Evanston Ranger District of the Wasatch-Cache National Forest but also help check compliance in six other campgrounds throughout the week. Arriving in early June, they stay until the water system is shut down for the winter in mid-September. Together, they have spent more than 4,300 volunteer hours caring for the Stillwater Campground and its customers.

When asked why they continue as Hosts, Roland said, "We both love the mountains and this is an opportunity to live there and enjoy the people who visit the National Forests." Faun added, "Our friends wonder why we volunteer rather than working in a paid position." Her response is that they prefer the freedom that volunteering allows and enjoy the satisfaction that comes from giving without expecting anything in return. "When I give, I feel better about myself. Friends who have been able to visit us here and see the area, understand why we keep coming back. The area is absolutely gorgeous."

Roland said that this opportunity came "at a time when many people our age have a void in their lives. They need something to make them feel useful and wanted. Serving as a volunteer Host makes us feel fulfilled. We feel we have found our little niche. We also come back because of the District personnel. The way they treat us makes us feel like we are a needed part of a big happy family. They make us feel important."

Faun and Roland are frustrated occasionally. Campground customers are their greatest challenge, as well as their greatest reward. Some customers who try to avoid paying can be difficult when contacted about campground fee compliance. Roland has found that if he can educate them in a diplomatic way, they usually are congenial by the time they leave. He has found that people are coming back to Stillwater year after year because of the way they have been treated. "We feel that if we can treat the customers like we would like to be treated, they will respond positively. I feel sad when a camper, for whatever reason, has left disgruntled."

When asked if they plan to return, Faun, who has Addison's disease, said, "As long as the Lord is willing, I will keep coming back and hosting, even if I have to drag myself up here." Roland added, "This is not paradise, but it's pretty close."

The Evanston District appreciates their continued good work and hopes to see them for many years to come.

Nancy Brunswick
Seasonal Recreation
Patrolperson
Evanston Ranger District
Wasatch-Cache
National Forest

The Old Man and the Reservoir

For many years, Bill Kroff has lived in Tooele, Utah, but spent his summers on the Teasdale Ranger District of the Dixie National Forest. Bill's favorite District haunt has been Lower Bowns Reservoir on the east side of Boulder Mountain. Bill has fished the Reservoir for so long that he knows every nook and cranny where a rainbow trout could possibly hide.

Bill Kroff.

A few years ago, the Teasdale District decided to use Bill as a Forest Service volunteer and honorary host at Lower Bowns because of his willingness to share his knowledge about the Reservoir with visitors and his diligence in keeping access roads open. The latter task can involve quite a bit of sand shoveling, often several days a week, but Bill doesn't seem to mind the hard work, even though he is 83 years old. In fact, he seems to look forward to it. "It keeps me busy and I like the exercise," says Bill, shrugging his small shoulders. "There sure is a lot of sand, though," he adds with a laugh.

When he isn't shoveling sand or fishing, Bill can usually be found in his 1954 Willys Jeep, tying flies or painting flatfish. "Most people have never seen a handpainted flatfish before," chuckles Bill, "but they seem to work for me."

This past July 6, Bill abruptly found himself involved in a new activity—emergency rescue. He was standing on the sandy beach by his boat—a six-foot rubber raft with oars—when a man came up beside him, pointing toward the middle of the reservoir. "That dog has capsized my kids' canoe," the man shouted, "and I don't think they can turn it back over."

Bill later admitted that he could hardly see the kids and their canoe without the binoculars he keeps in his jeep, but that didn't stop him from climbing in his boat and rowing out after them. By the time he reached the middle of the 35-acre Reservoir, the four kids—two boys and two girls, ages 6 through 10—were nearly exhausted from trying unsuccessfully to right their canoe while avoiding the claws of their excited dog. With Bill's help, they all managed to turn the canoe right side up but were unable to bail out any of the water. Bill placed the rock anchor of his raft inside the swamped canoe and told the kids to climb in with him. The kids declined Bill's offer fearing their dog would try to climb in too and capsize Bill's boat as well. So, with all four kids hanging on to the sides of the canoe and kicking for all they were worth, Bill towed the whole flotilla safely back to shore.

"My arms were pretty tired after about 10 or 15 minutes," claims Bill modestly. "It was a good thing I had those kids helping me out."

No doubt those kids felt the same way about you, Bill.

David Ede
Recreation Guard
Dixie National Forest

Pint-Sized Partners

"When we're working, we're happy," says Jeff Neilsen, a fourth grader at Duchesne Elementary School.

Sloshing around stabilizing a streambed in the Timber Canyon area of the Ashley National Forest is fun and productive for these students from Duchesne.

Students from the fourth grade at Duchesne Elementary School became partners with the Ashley National Forest in a recent project to enhance the environment. Wearing hard hats and boots, the boys and girls helped stabilize a streambed in Timber Canyon, 50 miles southwest of Duchesne, Utah, along a tributary of the Strawberry River. The Forest Service furnished the supplies.

Howard Brinkerhoff, the teacher, spearheaded the project after a year of planning. He said he wanted the students to have a hands-on experience instead of just talking about the contribution they could make to the environment.

Rowdy Muir, Range Technician, said, "This area was chosen for the project because it is important to wildlife. It is not a high flowing stream, so the students could work safely."

Sixty-seven boys and girls spent the day "rip-rapping" or anchoring pinyon and juniper trees in the bank of the stream. They also set log "deflectors" at an angle in the middle of the streambed to divert the river channel from one side of the stream to the other to enhance fish habitat.

Richard Cramer spoke for his classmates when he said, "Thanks for coming to our school and teaching us about these things. It was fun building those things. My parents don't know where Timber Canyon is so I will show them. Thanks for letting some of your men help us."

Textbooks have their place but they can't compete with working as a temporary member of the Ashley National Forest's team.

Diane Augustus
Information Assistant
Ashley National Forest

Prolonged exposure to mercury can make people extremely sick and affect behavior. Hatmakers in the 1600's who used mercury to treat felt and fur began acting strangely. No one knew the hatters were showing the effects of mercury poisoning. It was assumed they were just crazy. Hence the expression, "mad as a hatter."

—50 Simple Things You Can Do To Save the Earth

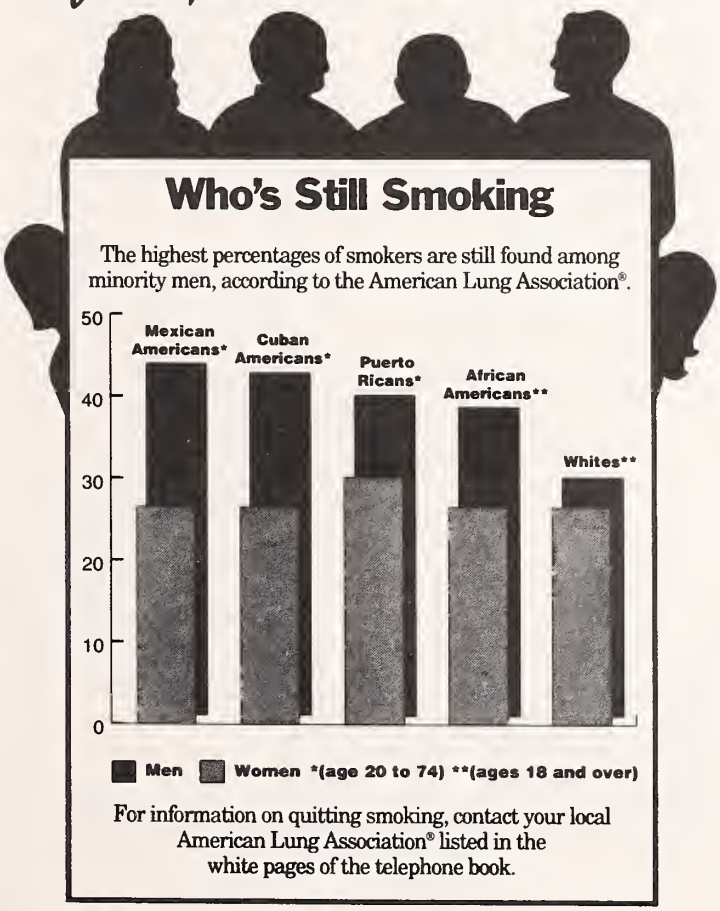
NEW PUBLICATIONS

"Land Stewardship in the Next Era of Conservation," **by V. Alaric Sample. This is the first in a series of Grey Towers Press publications which will be called "Breaking New Grounds."**

"Public Lands, Public Heritage—The National Forest Idea," **by Alfred Runte is a colorful and broad look at the idea of public forest lands. The book can be purchased for $16.95 from Roberts Rinehart Publishers; P.O. Box 666; Niwot, CO 80544. In addition to a retrospective essay by Runte, a historian, this book contains an outstanding selection of art by American masters, both past and present.**

Idaho, Nevada and Utah each have a new *"Camping and Picnicking"* publication with a map and recreation site information for each National Forest. And they are free! You should be able to pick one up at any Region 4 unit. The intent also is to have them available at motels, restaurants or any spot convenient for tourist pickup.

Life Tips . . .



Everyday Serving People

From the Mailbag

July 25, 1991

Mr. Thomas A. Contreras
Cedar City, Utah

Dear Mr. Contreras: I've been hiking, camping and enjoying the National Forests for a number of years and almost without exception, I have found Forest employees to be courteous, competent and pleasant to deal with. So one comes to expect this as a matter of course.

However, the other day I encountered the "mostest"—Ms. Trish Larson in your St. George office. Not only does this young lady have all of the above attributes in abundance, but she brings to her job such a positive attitude, warmth and enthusiasm that she just makes you glad you came in.

I noticed a plaque on the wall recognizing her excellent job performance qualities. I just want to say: "I second the motion!"

Sincerely

/s/ Bob Collignon
Lake Havasu, AZ

HORSEBACK RIDING MADE EASIER

The Sawtooth National Forest already has five facilities that allow handicapped people to load directly from their wheelchairs onto their horses. Now disabled rider loading ramps are planned for the Sawtooth NRA. Ed Waldapfel, Forest Public Affairs Officer, said the Forest has been involved in this program since 1988. "We try to build at least one each year," he added.

Elaine Mercill Retires

Elaine Mercill retired from the Forest Service at the end of September after 28 years of exemplary service.

Origioally from the suburbao Chicago area, Elaioe atteoded Lawrence College in Wiscoosin and graduated Phi Beta Kappa with a degree in Political Scieoce in 1948. Her first position was with a promioent investment couosel firm as secretary to the senior partner.

In 1952, she traveled to Jacksoo Hole, where she first worked for the Grand Teton Lodge Compaoy. After her marriage, she owned aod maoaged Mercill's Store on the Square in Jackson. In 1963, she begao her career with the Forest Service on the Teton Natiooal Forest as a GS-3 Procuremeot Clerk. Io 1966, she was promoted to a Clerk Dictating Machine Transcriber and, in 1970, she became Forest Supervisor Bob Safrao's Secretary (GS-5). Elaine received her GS-7 rating when she became Office Services Supervisor in 1973 and her title changed to Support Services Supervisor in 1978. When Land Management Planniog became a reality, she became the Forest's first Writer-Editor (GS-7) io 1980, aod was further promoted to the GS-9 level in 1982.

Io her current position, she has provided writing/editiog expertise and has also coordioated legislative affairs, appeals and litigation, NEPA, Freedom of Informatioo Act, history, and special trips aod projects. Her broad understaodiog of the Forest Service aod the commuoity has been invaluable internally and externally.

Widely recognized, both in and out of the Forest Service, Elaine was oamed the 1984 Jackson Hole Womao of the Year by the Business aod Professional Womeo's Club (BPW) and cited for her " . . . exceptional qualities of leadership aod integrity and her distioguished achievemeots for the betterment of her community". She served for many years oo the Board of Directors of the Jackson Hole Ski Club and was ao officer of the Tetoo Couoty League of Women Voters. Elaine was also oo the VOED Advisory Board for the Teton County School District (1979-1982), a member of the Lower Valley Power and Light Member Advisory Committee (1981-84); in addition, she served on St. Joho's Hospital Board of Trustees (1984-88) aod the Jacksoo Hole Visitors Couocil (1987-89). In 1985, she was appointed by the Governor for a 4-year term as a Director for a 3-county regioo on the Wyomiog Travel Commission and, in 1989, chaired the Commission. Recently, she made an uosuccessful run for a position on the Jacksoo Town Couocil, losing the electioo by a small margio.

Elaioe will be deeply missed by all who relied upon her. She showed uotiring professionalism and was always willing to help. Her curreot plaos are to stay active in politics and maoage her family's property maoagement business.

Elaine has 3 children: Mark and Mitch, both io the construction business out of Liocoln, Mootaoa, and a daughter, Susan, who owns her own travel agency in Cheyenne.

Ron Tew Begins Again

Ron Tew retired on June 15. He will reside in Payson, Utah, where he will ooce again enroll in college as preparatioo for a second career.

Before beginning his Forest Service career, Roo received a Bachelor's degree in agrooomy at Brigham Young University and a Master's degree in soil physics aod a Doctor's degree in plaot nutrition and biochemistry from Utah State University. After 2 years of active duty in the U.S. Army, which included assigoments in Colorado, Virginia, Washington, New Jersey, France and Arkansas, Ron spent a summer oo the Kaibab National Forest in Arizona and, in 1959, was a Park Ranger in Yellowstone. Six years were spent doiog soils and plant physiology research for the Intermountain Station.

In the late 60's, Ron was an Associate Professor at Fresno State College in California where he taught agriculture and worked with graduate students oo advanced degrees. He theo worked in Maoti and Cedar City, Utah, as a soil scientist for the Soil Conservatioo Service.

After assignments on the Dixie, Fishlake and Manti-La Sal National Forests as a soil scientist, he went to the Regional Office where he was respoosibile for water quality and water rights. Next he was in charge of the range, watershed and wildlife programs on the Boise Forest. In 1983, Ron moved to the Fishlake National Forest where he worked in Raoge, Watershed and Wildlife. In 1988, Roo accepted a special assignment to Israel where he worked with the Jewish Natiooal Fund evaluating watershed conditions. Ron worked with the same group from Israel when they came to Utah the following year to learn about watershed management io the United States. Ron was assigned as the Acting Fishlake Forest Supervisor in March 1991.

Awards

ASHLEY NATIONAL FOREST

Casb

DANDY E. POLLOCK, Forestry Technician, Flaming Gorge RD - Received the District's 1990 Safety Award.

LUDAWN MECHAM, Resource Technlcian, SO - $500 for special efforts in training personnel in timber sale accounting and STARS data base resulting in superior levels of accuracy and service during a period of bigh turnover in personnel responsible for these activities.

CINDY YOUNG, Personnel Clerk, SO - $250 for personal dedication, attention and bard work in launcbing the personnel action processing for the Ashley and Manti-LaSal National Forests with high quality accomplishment during seasonal hiring peak.

GARY MEGGE, Forestry Aid, Vernal RD - $195 for safety in FY 1991.

TRACY EVANS, Forestry Aid, Vernal RD - $195 for safety in FY 1991.

STEVE TATE, Survey Technician, SO - $200 for performance during FY 1990-1991 as party chief in survey and construction staking of Little Hole road construction, phase II.

LARRY MURRAY, Supervisory Technician, SO - $150 for superior performance as a member of the survey and construction staking party of Little Hole road construction, pbase II.

RAY THOMAS, Biological Technician, Duchesne RD - $100 for serving as a group leader of the youth fire crew and performing this duty exceptionally well. Sbowed a lot of TQM with this group. He meets customer expectations both internally and externally.

GAYNE SEARS, Forestry Technician, Roosevelt RD - $100 for consistently demonstrating a belpful attitude toward Forest visitors, especially in the wilderness. She works bard to find answers to questions and provides tbe information needed for visitors to enjoy their stay. Gayne also shows a caring attitude to co-workers and on several occasions has taken the initiative in making their work environment a better place.

JOANNE GRINGAS, SCSEP, Flaming Gorge RD - $100 for not stopping at going tbe "extra mile" with each and every customer, both internal and external. Visitors are always greeted with a smile and friendly voice. She always keeps control even when dealing with an angry Forest visitor.

DAVE WILSON, Forester, Vernal RD - $100 for bis open, friendly attitude to the public and co-workers. He is always willing to help out with timber questions and is very knowledgeable. He is a caring person and is willing to help with all causes.

SHEREL GOODRICH, Ecologist, SO - $100 for dedication and willingness to help in any way possible. His followup on studies and project implementation is an outstanding example of his commitment to giving quality service to Ashley personnel.

Group

GAROL MOON, Motor Vehicle Operator ($72), JOHN PEARSON, Motor Vehicle Operator ($66), LYNN MCCLURE, Equipment Operator ($144), GARN ANDERSON, Equipment Operator ($43), RUSS MULLINS, Equipment Operator ($66) and FAYE KARREN, Engineering Aid ($45) - A safety award.

TOM WATSON, Civil Engineer ($57), DAN LABRUM, Civil Engineering Technician ($53), GYE GOODWIN, Civil Engineering Technician ($50), KIM YOUNG, Engineering Draftsman ($47), MERLIN WALKER, Civil Engineering Technician ($100), ELDEN BUCKALEW, Civil Engineering Technician ($145), LARRY ALLRED, Civil Engineering Technician ($70), STEVE TATE, Survey Tecbnician ($35), LARRY MURRAY, Survey Technician ($35) and KEN LESH, Supervisory Civil Engineer ($37), SO - For safety.

BRUCE DARLINGTON, NEIL DARLINGTON, and CINDY CHRISTENSEN, Survey Aids, SO - $75 eacb for special performance in surveying and construction staking the Little Hole construction, phase II.

RYAN KIEDROWSKI, Survey Aid, and MICHAEL LESCHIN, Survey Technician, SO - $100 eacb for special performance in tbe survey construction staking of Little Hole construction, phase II.

CHRISTY OPRANDY, Soil Scientist, SO; DIANE AUGUSTUS, Public Affairs Assistant, SO; and DAVE WILSON, Forester, Vernal RD - $100 eacb for time, energy and enthusiasm devoted to planning and conducting the Forest's Centennial Trail Ride.

For safety on tbe Vernal RD during FY 1989 and 1990: MIKE BERGFELD, Forester ($184), RICK BRAZELL, Supervisory Wildlife Biologist ($164), SHERRY KESSEL, Resource Clerk ($100), ROSS MONCRIEF, Forester ($138), KATHY PAULIN, Wildlife Biologist ($140), NANCY ROSS, Supervisory Forester ($87), CINDY SEVERSON, Clerk Typist ($20), MARY WAGNER, District Ranger ($117), KELLY WILKINS, Forestry Technician ($124), JODEAN WILLIAMS, Support Services Specialist ($85), DAVID WILSON, Forester ($80), REBECCA WOOD, Student Trainee (Range Conservationist) ($123), LARRIE ANDERSON, Forestry Aid ($94), TREN BIRD, Forestry Aid ($120), CHRISTINE DINGMAN, Forestry Technician ($113), TRACY EVANS, Forestry Aid ($117), FLOYD FARNSWORTH, Forestry Technician ($88), STEVEN KREEK, Forestry Technician ($27), DAN MATHEWS, Forestry Technician ($160), GARY MEGGE, Forestry Technician ($131), ZELMARIE MUNFORD, Clerk ($20), CLARK OVIATT, supervisory Forestry Technician ($123), DAVID PALMER, Lead Forestry Technician ($170), RYNOLD REEDE, Forestry Aid ($118) and ROBERT ROBBINS, SCSEP ($119).

BOISE NATIONAL FOREST

Casb

CHRISTINE R. HOLBROOK, Resource Assistant, Emmett RD - For outstanding support to the District's timber resource program.

JENNIFER BRADY, Forestry Technician, Emmett RD - For extraordinary effort and success in providing public service at Sagehen Recreation Area.

Group

For accident-free performance on the Emmett RD:

Business Management—CHRISTINE HOLBROOK, THAIS MEYER, E. PAYNE, DOROTHY COONS, VI SMALLEY

Resources—J. BRADY, D. HALE, K. SCHATZ, T. HEITER, L. CARROLL, P. MOROZ, S. SPAFFORD, M. DUGAN, L. REINIG, J. SZYMANIAK

Timber—K. BAKER, D. DEVEAU, D. DZURANIN, A. KARPE, M. REKOW, D. WOOD, J. CIARDELLI, D. DICKERSON, J. HICKS, D. MECHAM, C. ROSS, J. CLARK, D. DITTMER, T. JACKSON, C. MUNDEN, K. THOMPSON

Fire—F. WHITE, M. MUFFLEY, R. LEE, S. WHITE, E. BOGARDUS, C. COULTER, D. JORDAN, D. MOFFIS

Engineering—C. STEPHENSON, G. CANADAY, R. BUCKLEY, R. FARBER AND D. HADLEY

Length of Service

BERT STROM, Forestry Technlcian, SO - AFM&L - 35 Years

GLENN BLICKENSTAFF, Supervisory Forestry Tecbnician, Cascade RD - 20 Years

DONALD GIBBENS, Civil Engineering Technician, Cascade RD - 20 Years
ALICE MUFFLEY, Purchasing Agent, SO 20 Years
MAX MUFFLEY, Forestry Technician, Emmett RD - 20 Years
TERRY SEXTON, Supervisory Forester, Idaho City RD - 20 Years
JAMES BALDWIN, Civil Engineering Technician, Idaho City RD - 10 Years
JAMES CIARDELLI, Forestry Technician, Emmett RD - 10 Years
JOYCE FERRICK, Accounting Technician, SO-F&A - 10 Years
ROBERT KIPP, Forestry Technician, Boise RD - 10 Years
SUSAN REINHARD, Public Affairs Specialist, SO - 10 Years
VI SMALLEY, Clerk Typist, Emmett RD - 10 Years
TOM TUCKER, Laborer, Lucky Peak Nursery - 10 Years

BRIDGER-TETON NATIONAL FOREST
PATRICIA STEIKUNAS, Land Surveyor, SO - For superior program development and innovations in FY 1991 for the Forest Cadastral Program.
GLORIA FLORA, Supervisory Natural Resource Manager, SO - For outstanding leadership as Acting Program Planning and Budget Staff Officer, in addition to her regular position as Resource Ecology Group Leader from August 1990 to May 1991.
ERIC WINTHERS, Soil Scientist, and WILLIAM K. NECKELS, Engineering Equipment Operator, SO; and DEAN L. BURNHAM, Supervisory Forester, ROBERT E. KING, Civil Engineering Technician, RAYMOND F. SPENCER, Civil Engineering Technician, Greys River RD - For assisting on Squaw Creek landslide emergency watershed protection project, under extremely hazardous conditions including unstable land mass material, steep slopes, uneven terrain, and hazardous trees. This project was completed ahead of schedule while incurring no accidents.

CHALLIS NATIONAL FOREST
GERALDINE LEWIS, Clerk, Middle Fork RD - For performance which exceeded expectations in the River program for the District.
BART GAMMETT, Biological Aid, Lost River RD - For work exceeding the requirements of his job while conducting the mountain lake survey and conducting various wildlife management activities.

FISHLAKE NATIONAL FOREST
Cash
DENNIS K. ALLAN, Supervisory Contract Specialist - For exceptional performance in securing the Uinta Forest's contracts associated with the Strawberry Recreation Area construction.
SEONA L. BROWN, Fisheries Biologist - For outstanding performance as Acting Range, Watershed and Wildlife Staff Officer for the Forest from March 10 to June 14, 1991.
E. J. "BERT" LOWRY, Wildlife Biologist - For third place in the Map Cover category and first and third place in the Wildlife category of the 1990 Intermountain Region Photo Contest.
LYNN A FINDLAY - For outstanding performance as Acting Forest Engineer from January 27 to May 4, 1991.
REVA H. HICKS, Information Receptionist, Richfield RD - For exhibiting a positive service-oriented good host attitude toward employees, visitors and other users of the Forest during 1990.

MANTI-LA SAL NATIONAL FOREST
Cash
WALTER E. NOWAK, Geologist, Price RD - For taking the extra step in arranging the tours of the Huntington Power Plant, Skyline Mine and Energy Auto Loop.
HEATHER MUSCLOW, Wildlife Biologist, Moab RD - For outstanding effort in revitalizing the "Scoop."
MARY KELLY - In recognition of her extra effort in organizing public information and establishing a Ferron District reference library with an associated handicapped filing system.
ROBERT M. THOMPSON and JIMMIE L. FORREST - For their willingness in supporting and assisting the Moab RD in resolving problems and understanding range administration during a time of transition.
DAISY L. BRAZIER, SCSEP, SO - For her outstanding performance in assembling and correcting the water use inventory data for the Forest.
R. GLEN JACKSON, Forester, Price RD - For his effort and time dealing with the Price RD OHV Advisory Committee. With his direction, the Committee has provided information to enhance the District's travel management plan.
LELAND A. MATHESON, Range Conservationist, Price RD - For outstanding performance on the So. Skyline Watershed and Range Rehabilitation project. His dedication and commitment coupled with his innovative ideas combined to produce a showpiece project which provides for the protection and preservation of the various resources.
WALTER E. NOWAK, Geologist, Price RD - For outstanding performance on the Questar Pipeline relocation project. His exemplary leadership, dedication and commitment to resource protection and reclamation, where necessary, showed a high degree of professionalism.
JOHN HEALY, Range Conservationist, Ferron RD - For outstanding performance as Acting Ferron District Ranger from October 1990 to June 1991.

Length of Service
BESSIE PAPPAS, Resource Specialist, SO - 30 Years
LINDA MCKINNEY, Support Services Supervisor, Moab RD - 20 Years
VARIAN ALLEN, Equipment Specialist, SO - 10 Years

PAYETTE NATIONAL FOREST
Cash
SHARI D. SALEEN, Resource Clerk, McCall RD - For personal and professional efforts in researching information and being instrumental in broadening job opportunities for disabled employees on the District.
LEEANN JOHNSTON, Resource Clerk, Krassel RD - For taking on the responsibility of performing backup and dump tape functions on the Krassel/McCall Data General computer system.
KATHY M. BOLOPUE, Range Technician, New Meadows RD - For exceeding the targets of the range betterment program in a quality manner on the New Meadows and McCall RD's.
DENNIS J. GEVING, GARY M. MURPHY, JOSEPH W. FOX and JAMES E. DUZAK, Forestry Technicians (Smokejumpers), McCall Smokejumper Base - For an outstanding attitude and willingness to accept and manage complex situations and for being a significant part of the overall success of the McCall Smokejumper Base.

SALMON NATIONAL FOREST
Cash
MARTIN E. EVANS, Forestry Technician, Salmon RD - For high quality leadership on the District's compound buildings. He supervised so well the St. Anthony Work Group as they painted buildings and worked on the Williams Picnic Area parking.
C. RAY DANA, Forestry Technician, Salmon RD - For high quality work on the District's campground water system. Also keeps the campgrounds in good condition.
ALEXANDRA E. DAVIS, Student Trainee, Salmon RD - For planning, constructing and developing the Thunder Mountain Trail Interpretive Site and assisting with the dedication ceremony.
JOAN A. MARKS, Information Receptionist, Salmon RD - For contributions to the design and development of the Salmon District/Forest Logo.
MICHAEL P. FISCHER, Lead Forestry Technician, Salmon RD - For assistance in recruiting, hiring and training TSI crew members and replacements under difficult circumstances during the 1991 field season.
LUCINDA P. WALKER, Clerk Typist, Leadore RD - For assistance in carrying out a great 1991 Forest Family Meeting.
MICHAEL J. BENNETT, CHERI A. OHL, and ANDREW B. OHL, Forestry Technicians, Salmon RD - For volunteering to supervise and work with the YCC timber crew.
CYRIL E. FARRO, Forestry Technician, Salmon RD - For continually exceeding normal performance expectations. He has done a superior job of timber sale administration and contract preparation for the District.
DAVID A. SABO, Forester, Cobalt RD - For unselfish service beyond the call of duty in providing outstanding customer service.
LUCINDA P. WALKER, Clerk Typist, Leadore RD - For exceptional service to the District by assuming extra responsibilities and duties of the Support Services Supervisor position.
JULIE S. BARBARICK, Fire Operations Clerk, SO - For planning, coordinating and facilitating the Interagency Fire School from June 18-21.
RAYMOND L. DAVIS, Maintenance Worker, North Fork RD - For quality work in building maintenance.

SAWTOOTH NATIONAL FOREST
Group
DAVID BASSLER, JULIE THOMAS, SHIRLEY KELLEY, WILLIAM MAX YINGST, and DON OMAN for commitment in developing and implementing the all-employees work day on the Twin Falls RD.

TARGHEE NATIONAL FOREST
Cash
MARTHA MERRILL-EXTON, Natural Resource Specialist, Ashton RD; LETHA HARDER, Visual Information Specialist, SO; KONIE GARDNER, Personnel Clerk, SO; SONIA PAGE, Personnel Clerk (Typing), SO, and VERONIQUE FULLMER, Information Assistant, Teton Basin RD - For excellence in providing a quality product which represents the Forest in the President's Recreational Initiative.
RODNEY DYKEHOUSE, Forestry Technician (A&FMO), Island Park RD - For superior performance in managing the winter recreation program on the District.
S. LORENE PARKER, Resource Clerk, Island Park RD - For outstanding performance in handling the additional duties of the front office along with her own job due to the loss of the Receptionist.
DEE A. SESSIONS, Deputy District Ranger, Ashton RD - For leadership and contributions toward bringing integrated resource management to the District.
WILLIAM L. PUCKETT, Archeological Technician, SO - For providing outstanding recognition for the Forest during the Centennial.
STEVEN HASVOLD, Visitor Information Aid, SO - For outstanding photographic efforts that enhanced the Forest. Talent was exhibited weekly when public service announcements about the Forest were aired on a major television station.

UINTA NATIONAL FOREST
SPENCER PACE, MAX LOCKE, DAVID GULL, DONALD CHENEY and CLAUDE MAURICE KAY, SCSEP employees, Spanish Fork RD - For installing the water system at Whiting Campground.
JEANNE TERRY, SCSEP employee, SO - For her continued excellent, dedicated and dependable service.
MARGARET SOMERS, SCSEP employee, SO - For her excellent skills and dedicated service.
HERB BALES, SCSEP employee, SO - For his dedication and excellent service.
BERT ROYLANCE, SCSEP employee, SO - For being an excellent employee.
JAMES DUNFORD, SCSEP employee. SO - For his exemplary service.
ALMA DUNFORD, SCSEP employee, SO - For dedication and willingness to serve co-workers and the public.

Quality Step Increase
CATHEY HARDIN, Supervisory Forestry Technician, Island Park RD - For constantly exceeding targets and maintaining a good attitude under increasing responsibility and time constraints.

TOIYABE NATIONAL FOREST
Cash
JILL WEATHERD, Range Conservationist, Bridgeport RD - $400
SCOTT CONROY, Range Conservationist, Bridgeport RD - $400
SCOTT CONROY, Range Conservationist, Bridgeport RD - $60
ERIN O'CONNOR-HENRY, Public Affairs, SO - $125
STAN OVERHOLT, Forestry Technician, Bridgeport RD - $60
WILLIAM VAN BRUGGEN, Forester, Bridgeport RD - $60
MARJORIE MCKAY, Forestry Technician, Bridgeport RD - $60
MERVIN LENT, Forestry Technician, Bridgeport RD - $60
BONNIE ROMERO, Forestry Aid, Bridgeport RD - $60
SHANNON ELLIS, Forestry Technician, Bridgeport RD - $60
DOUG FOLEY, Forestry Technician, Bridgeport RD - $60
BARBRA MYERS, Forestry Aid, Bridgeport RD - $60
CLYDE WEBBER, Electronic Worker, SO - $500

WASATCH-CACHE NATIONAL FOREST
Special Act or Service
BARRY BURKHARDT, Geologist, SO
CLARE CHALKLEY, Range Conservationist, Kamas RD
RICK SCHULER, Supervisory Forestry Technician, Mountain View RD
RICHARD KLINE, Public Affairs Specialist, SO

Cash
ELLA KVAALL, SCSEP - For exemplary personal effort in support of the Personnel Office.
RICHARD ZOBELL, Range Conservationist, Mountain View RD - For development of a cooperative agreement between livestock permittees and the Forest Service.
CRAIG NATHE, Range Conservationist, Evanston RD - For implementation of a cooperative agreement between 8 counties and the Forest Service for exchanging surplus herbicides.
ROBERT TONIOLI, Resource Assistant, Ogden RD - For implementation of a cooperative agreement between 8 counties and the Forest Service for exchanging surplus herbicides.

Quality Increase
KENT ODELL, Timber Forester, Mountain View RD - For excellence in timber and integrated resource management.

Engineers Recognized

Region 4 winners in the 1991 Engineer of the Year competition are:

Technician Category—MILTON C. TAYLOR, Civil Engineering, Regional Office. Technical Category—DAVID WORAS, Civil Engineer, Boise National Forest. Managerial Category—LARRY R. GORRINGE, Civil Engineer, Caribou National Forest.

These people were picked through a balloting process that was open to all Intermountain Region engineering employees. Each winner receives a certificate, cash award and plaque for best representing excellence in their category of work. Their names will be added to a permanent plaque on display in the Regional Office. They also become the Regional nominations for the Forest Service National Engineer of the Year competition.

Attorney Wins Women's Equality Award

Patricia A. Braun, Attorney Advisor General in the Ogden Office of the General Counsel, was selected to receive one of the 1991 Women's Equality Day Awards given by the USDA Women's Action Taskforce to celebrate the 19th Amendment to the Constitution. That Amendment gave women the right to vote.

The following are a few of Pat's accomplishments over the last 15 years.

She has served on the Board of the League of Women Voters of Weber County for over 10 years. During International Women's Year, her recommendation to change the separate marital property system to community property was the only recommendation to pass. As a legal authority on marital property, estate planning and women's rights, Pat is asked to speak at many community functions. While President of the Utah and Weber County Chapters of the League of Women Voters, she promoted women's rights and organized child care programs for "latch key" kids.

Through her affiliation with the American Association of University Women, she organized the State of Utah Women Artists Traveling Art Exhibit (which was displayed in many Utah cities) and a scholarship committee was set up to seek out displaced women who wanted to further their education and become self-sufficient.

Pat has been the legal advisor and a member of Your Community Connection of Ogden for 15 years. Through her efforts there, comprehensive services are provided to over 500 women and children every day at the Women's Crisis Shelter. She helped organize the licensed infant child care center, which is recognized as one of the best in the State. She also helped secure funds for transitional housing for homeless families. She was the leader 5 years ago when the Ogden Chapter of YWCA elected to change from a single sex organization. YWCA then became known as Your Community Connection. Her latest efforts have been to help establish a free legal services program called the Bar Night. There, twice a month, legal services are provided by Pat and other volunteer lawyers.

As an active member of the American Civil Liberties Union in Utah, she served for years as the contact person for discrimination complaints in Ogden. She also serves on the Planned Parenthood Advisory Board and has held office in the Friends of the Library organization.

She champions women serving in the political arena and has helped many to be elected. Pat has used her legal knowledge to help the community by serving on Ogden City budget and reorganization committees and on a Utah Property Tax Task Force.

In 1984, she was recognized as Woman of the Year in Law by the Community Connection for her commitment and dedication to serving women and others in the community. She has also received the Soroptimists International State of Utah Women of the Year award for her work with women and human rights.

She is a member of both the Utah and Oregon Bar and she has been an attorney for the Office of the General Counsel since September 1976.

Stewardship Award

Linda Merigliano, Wilderness Resource Manager for the Teton Basin Ranger District of the Targhee National Forest in Idaho, has been named by the National Outdoor Leadership School (NOLS) as the recipient of its 1991 Stewardship Award. This award recognizes land managers who have exhibited exceptional stewardship of the wildlands entrusted to their care.

NOLS is a non-profit school where students are taught wilderness skills and safety, practical conservation and the fundamentals of outdoor leadership. Its headquarters are in Lander, Wyoming, but NOLS has branches in Mexico, Chile, and Kenya and and four more in the United States. Worldwide alumni number 28,000.

In making the award, NOLS recognized Linda's many accomplishments which include a decade of seasonal Wilderness Ranger experience, work to develop Wilderness Ranger training, participation as a core faculty member at the Forest Service's National Advanced Wilderness Management Training for Line Officers, extensive time organizing citizen involvement in wilderness management and numerous papers and presentations on wilderness management.

Her current job responsibilities include management of the Jedediah Smith and Winegar Hole Wildernesses with emphasis on visitor education, planning, volunteer recruitment and supervision, training, and coordinating and developing public involvement in wilderness management. However, an October move takes Linda to the Bridger-Teton National Forest to coordinate wilderness planning for the Bridger, Teton and Gros Ventre Wildernesses.

Linda has a B.S. degree in natural resources from Cornell University and a M.S. degree in wildland recreation management from the University of Idaho. Linda's thesis focused on identifying and evaluating indicators to monitor wilderness conditions. For fun, she is a part-time nordic ski instructor at Grand Targhee Ski Resort.

In addition, Linda worked 4 years with the Student Conservation Association Wilderness Work Skills Program and has been a technical witness at 1988 congressional oversight hearings on Forest Service wilderness management.

Trappers Hall of Fame

John Hoel, Communications Management Specialist in the Regional Office Information Systems Staff, was inducted into the Idaho Furbearer Hall of Fame at the recent State convention in Mack's Inn, Idaho. John earlier served as President of the Idaho Trappers Association during its first critical years. John successfully found dedicated directors for all of the regions and fostered the spirit of cooperation which exists to this day with the Idaho Department of Fish and Game. John, more than any other person, is responsible for the success of the Association and for getting Idaho's trappers working together.

Roll Call

REGIONAL OFFICE

Appointment
LAURA CONROY, Computer Programmer Analyst, R&L

Reassignments
YOLANDA NIETERT, Retirement Counselor, PM, from Personnel Specialist, Wasatch-Cache NF
SUE VAN ALLEN, Administrative Officer, R&L, from Geometronic Service Center
RITA KENNEDY, Employee Development Specialist, PM, from EEO/Special Emphasis Program Manager, HR&S
DEBBIE MARTINEZ, Office Assistant, PAO, from Office Management Assistant, E
JOYCE QUINTANA, EEO/Special Emphasis Program Manager, HR&S, from R-3

ASHLEY NATIONAL FOREST

Appointments
CHARLES CONDRAT, Hydrologist, SO
JERRY STREBEL, Land Forestry Technician, Duchesne RD
PAULA BAILEY, Clerk, Duchesne RD
RUSSELL MULLINS, Engineering Equipment Operator, SO

Promotions
RULEN WOOLLEY, Forestry Aid, Duchesne RD, to Forestry Technician, Duchesne RD
SHEREL GOODRICH, Range Conservationist, SO, to Ecologist, SO

Promotions in Place
RENE PEARSON, Personnel Assistant, SO
DAVID HAITIS, Forester (Timber), Roosevelt RD
FRANK MUIR, Range Technician, Duchesne RD
DELOS (SONNY) KEMPTON, Maintenance Worker, SO
CHRISTIANA OPRANDY, Soil Scientist, SO
KRISTINA BOLLINGER, Forestry Technician, Duchesne RD

Reassignments
LESLIE WELCH, Forestry Technician, Quincy RD, Plumas NF, to Wildlife Biologist, Roosevelt RD
ELIZABETH VAN GENDEREN, Forestry Technician, Cadillac RD, Huron-Manistee NF, to Forester, Vernal RD
BRUCE SLOVER, Supervisory Forester, Flaming Gorge RD, to Brownstown District Ranger, Wayne-Hoosier NF
FILIBERTO ROMERO, Budget Analyst, SO, to Administrative Officer, Pike and San Isabel NF
RICKY BRAZELL, Supervisory Wildlife Biologist, Vernal RD, to Malad District Ranger, Caribou NF

BOISE NATIONAL FOREST

Appointment
TAMIE RICHARDS, Clerk Typist, Lowman RD

Promotions
JANE BEAULIEU, Forester, Gifford-Pinchot NF, to Forester, Idaho City RD
RONALD GUTIERREZ, Forestry Technician, Wenatchee NF, to Forestry Technician, Cascade RD

Promotions in Place
PENNY MYERS, Forestry Technician, Lowman RD
LEONARD ROEBER, Forestry Technician, Idaho City RD
AUDREY KARPE, Forestry Technician, Emmett RD
ROBERT JAMES, Electronic Technician, SO
DON SCHNEE, Electronic Technician, SO
LANCE BARNUM, Forestry Technician, Lowman RD
PEGGY HEFFNER, Contract Specialist, SO
FRED HERNANDEZ, Computer Programmer, SO
MARIE TOLLIVER, Forestry Technician, Idaho City RD
VENETIA GEMPLER, Forestry Technician, Boise RD
BRIAN FEREBEE, Wildlife Biologist, Emmett RD

Reassignments
JOE PUENTE, Accountant, SO, to Budget and Accounting Officer, Puerto Rico
TIMOTHY BURTON, Fishery Biologist, Caribou NF, to Fishery Biologist, SO
BARBARA MORGAN, Administrative Assistant, Contracting, SO, to Contract Specialist, SO
MARK BEAULIEU, Supervisory Civil Engineer, Gifford-Pinchot NF, to Supervisory Civil Engineer, Idaho City RD
MICHELE O'CONNELL, Forester, Black Hills NF, to Forester, Cascade RD

Transfer In
FRANK MARSH, Forester, Bureau of Indian Affairs, to Forester, Mountain Home RD

Transfer Out
JENNIFER CALLAN, Public Affairs Specialist, SO, to Public Affairs Specialist, Bureau of Reclamation Regional Office in Boise.

BRIDGER-TETON NATIONAL FOREST

Appointments
CONSTANCE WILKINS, Computer Programmer, SO
LORI DENTON, Forester, Big Piney RD
RICHARD J. ANDERSON, Supervisory Land Use Planner, SO

Promotion in Place
PATRICIA STEIKUNAS, Land Surveyor, Big Piney RD

Reassignments
WALTER ROGERS, Supervisory Forester, Payette NF, to Assistant District Ranger, Jackson RD
ALAN KOSCHMANN, Supervisory Civil Engineer, SO, to Supervisory General Engineer, WO
PATRICK HARRELSON, Civil Engineer, SO, to Civil Engineer, Lincoln NF (SO)
CHERYL HARRELSON, Hydrologist, SO, to Hydrologist, Lincoln NF (SO)

Resignation
JIM NIELSON, Telecommunications Specialist, SO

CARIBOU NATIONAL FOREST

Promotions in Place
IRIS J. BLAISDELL, Clerk Typist, Malad RD
JEANNE B. BARRETT, Computer Assistant, SO

Reassignments
ROBERT K. BRASSFIELD, Fishery Biologist, Waldport RD, to Fishery Biologist, Soda Springs RD
MICHAEL COOK, Resource Assistant, French Broad RD, to Forester, Pocatello RD

CHALLIS NATIONAL FOREST

Appointments
MITZI G. COBBLEY, Clerk Typist, SO
JANETTE A. PIVA, Clerk Typist, SO
LISA J. UTLEY, Clerk Typist, SO
JANICE L. LONG, Clerk Typist, SO
PENNY J. BURLESON, Clerk Typist, SO
LISA B. CLEMENTS, Clerk Typist, SO
KAREN S. JOHNSON, Clerk Typist, SO
DOROTHY M. TAYLOR, Clerk Typist, SO
GAIL E. JADLOWSKI, Clerk Typist, SO
PATRICIA A. SIMPSON, Clerk Typist, SO
LARRY SIDLO, Telecommunications Specialist, SO

Promotion
VAUGHN E. STOKES, Supervisory Civil Engineer, Uinta RD, to Supervisory Civil Engineer, SO

Promotions in Place
MARVIN C. GRANROTH, Mining Engineering Technician, Yankee Fork RD
ROGER C. CHILSON, Forester, Yankee Fork RD
MARK D. GIACOLETTO, Forester, Lost River RD

Reassignment
DAVID B. SISK, Supervisory Forestry Technician, Seeley Lake RD, to Supervisory Forestry Technician, Challis RD

DIXIE NATIONAL FOREST
Promotions
STEVEN M. DODDS, Land Surveyor, SO, to Supervisory Land Surveyor, SO (temporary promotion not to exceed 2 years)
JANICE JENSEN, Information Receptionist (Typing), Cedar City RD, to Resource Clerk, SO

Promotion in Place
PATRICIA ANN LARSON, Information Receptionist, Pine Valley RD

Reassignments
KATHERINE J. IVERSON, Civil Engineer, SO, to Civil Engineer, Tonto NF, R-3
FRANK E. ANGELE, Forester, Teasdale RD, to Forester, Idaho City RD, Boise NF

FISHLAKE NATIONAL FOREST
Appointments
JOHN MCCLELLAN, SCSEP Enrollee, SO
ELOISE ROSEQUIST, SCSEP Enrollee, Richfield RD
KATHERINE R. KESLER, Clerk Typist, Fillmore RD
KREIG M. RASMUSSEN, Student Trainee (Wildlife Biologist), SO
MARLEEN CHAPPELL, Clerk Typist, Loa RD
LINDA M. CHAPPELL, Forestry Technician, SO
MICHELE B. COATES, Purchasing Agent, USAC
ELLEN C. DANIELS, Mail and File Clerk, SO

Promotions
NATALIE H. MORRELL, Resource Clerk, Loa RD, to Support Services Specialist, Loa RD
BENNETT W. BLACK, Range Staff, SO (temporary promotion)
D. FRED HOUSTON, Range, Beaver RD (temporary promotion)

Promotions in Place
LAFE LEVI, Lead Forestry Technician, Fillmore RD
BARBARA T. ROWLEY, Purchasing Agent, USAC
JUNE D. PETERSON, Procurement Assistant, USAC

Reassignments
TED V. FITZGERALD, Supervisory Civil Engineer, Manti-La Sal NF, to Supervisory Civil Engineer, SO
MARCIA LAY, Clerk-Typist, SO, to Accounts Maintenance Clerk, Sawtooth NF
LOIS BROWN, Mail and File Clerk, SO, to Clerk Typist, SO

HUMBOLDT NATIONAL FOREST

MANTI-LA SAL NATIONAL FOREST
One-Year Appointments
PAUL BURNS, Fisheries Biologist
PETREA OMAN, Accounting Clerk

Promotion in Place
TINA MOYNIER, Purchasing Agent, SO

Reassignments
SUSAN WILKINSON, Administrative Officer, SO, from WO
IRA W. HATCH, District Ranger, Price RD, to Ferron RD
CLAUDETTE ROPER, Accountant, on detail to SO from Francis Marion and Sumter NF
CINDY BURNS, Wildlife Biologist, Ferron RD, from Huron-Manistee NF

PAYETTE NATIONAL FOREST
Appointments
SHARON CLARK, Clerk (Worker-Trainee), Weiser RD
JOHANNA M. PEARSON, Personnel Clerk, SO
LYNN A. DIXON, Forestry Technician, New Meadows RD

Promotions
MATTHEW T. TURNER, Assistant Planner/Analyst, Inyo NF, to Operations Research Analyst, SO
MICHAEL CHRISTIANSON, Forestry Tech, New Meadows RD, to Supervisory Forestry Technician, New Meadows RD

Promotion in Place
SANDI HOLBROOK, Forestry Technician, McCall RD

Reassignments
MARCI NIELSEN-GERHARDT, Forester, Nez Perce NF, to Forester, Krassel RD
WALT ROGERS, Supervisory Forester, Council RD, to Deputy Ranger, Jackson RD

Resignations
CURTIS MILLER, Forestry Technician, New Meadows RD
ANNA MARIE BRANNON, Land Management Planning Specialist, SO

SALMON NATIONAL FOREST
Appointments
SHERI L. RAMSAY, Fishery Biologist, Salmon RD
ROBERT W. ROSE, Fishery Biologist, SO
SHIRLEY A. HYDE, Clerk Typist, SO
TIMOTHY H. CRAIG, Wildlife Biologist, Leadore RD
KATHERINE A. FORESTER, Fishery Biologist, Cobalt RD
GERTRUDE M. DANA, Clerk Typist, SO
MARY S. PREBBLE, Accounting Technician, SO
MERRY L. HAYDON, Archeologist, SO
LINDA L. GUYTON, Clerk Typist, SO
KENDRA K. SABO, Clerk Typist, SO

Promotions
TERESA M. JOHNSON, Clerk Typist, SO, to Payroll Clerk, SO
JOAN A. MARKS, Clerk Typist, Salmon RD, to Information Recept., Salmon RD

Promotions in Place
DOLORES P. BAKER, Support Services Specialist, North Fork RD
BEA JUDY CARVELHO, Support Services Specialist, Salmon RD
HERBERT L. GODFREY, Support Services Specialist, Cobalt RD
EUGENE A. SUNBERG, Forester, North Fork RD
JACQUILYN M. CAIVANO, Secretary (Typing), SO
CLINTON C. GROLL, Cobalt District Ranger
ALLAN R. HENDERSON, Cobalt Assistant District Ranger
CORNELIA H. HUDSON, Forester, Cobalt RD
JUDITH I. MEYERS, Accounting Technician, SO
ROGERS M. THOMAS, North Fork District Ranger

Reassignments
DANIEL A. GARCIA, Fishery Biologist, Tongass NF, to Fishery Biologist, North Fork RD
LUCINDA HAGGAS, Ecoiogist, Challis NF, to Ecoiogist, North Fork RD

SAWTOOTH NATIONAL FOREST
Appointments
JUANITA RAMOS, Information Receptionist, SO
TOM RAMSEY, Forestry Technician (LE), Twin Falls RD

Promotions
ARLENE FIELDS, Admin. Officer, SO, to Admin. Officer, Jefferson NF, R-8
VALDON HANCOCK, Hydrologist, Humboldt NF, to Hydrologist, SO

Promotion in Place
GRANT HENDRIX, Engineering Technician to Construction Representative, SO

Reassignment
MARK MOULTON, Hydrologist, Targhee NF, to Hydrologist, Sawtooth NRA

TARGHEE NATIONAL FOREST
Appointments
FAYE CHRISTIANSEN, Forestry Technician, Ashton RD
STACY K. HEIDEN, Clerk Typist, Palisades RD

Reassignments
DAVID DILLARD, Forester, WO, to Forester (Adm.), Ashton RD
LISA KLINGER, Forestry Technician, Ashton RD, to Outdoor Recreation Planner, Ashton RD
MARKE ORME, Wildlife Biol. (LMP), Tongass NF, to Wildlife Biol. (LMP), SO
MARYNELL OECHSNER, Wildlife Biologist, Kootenai NF, to Wildlife Biologist, Teton Basin RD
JOHN COUNCILMAN, Supervisory Forester, Island Park RD, to Assistant District Ranger, Island Park RD

Promotions
JACKIE YOUNG, Mail/File Clerk, SO, to Administrative Assistant, SO
JAYNE CARDENAS, Clerk Typist, Palisades RD, to Accounting Technician, SO
JAMES GERBER, Forester, San Juan NF, to Forester, SO
SHARON EYRAUD, Clerk Typist, Ashton RD, to Computer Assistant, Ashton RD

Promotions in Place
TERI THOMAS, Resource Assistant, SO
ALEEN ORR, Civil Engineering Technician, Island Park RD
BARBARA KNIELING, Forestry Technician, SO
MARY NESS, Clerk Typist, SO
LORENE PARKER, Resource Assistant, Island Park RD
RODNEY DYKEHOUSE, Forestry Technician, Island Park RD

Resignation
KIMBERLY NIELSON, Telecommunications Specialist, SO

TOIYABE NATIONAL FOREST
Appointments
LINDA MAYER, Resource Clerk, Bridgeport RD
ROBERTA STRAIN, Clerk, Austin RD
PAULETTE BENALLY, Personnel Clerk (Typing), SO

Conversion to Career Conditional
PATRICK SHANLEY, Wildlife Biologist, Carson RD

Promotions in Place
DAYLE FLANIGAN, Supervisory Range Conservationist, Austin RD, to Forester (Administration), Austin RD
MARGARET WOOD, Forestry Technician, Bridgeport RD
PAULETTE BENALLY, Personnel Clerk, SO

Resignation
STEVEN LEAR, Supervisory Forestry Technician, Carson RD

Transfer Out
JACK FINELY, Helitack Foreman, Bridgeport RD, to Big Cypress National Park in Florida.

UINTA NATIONAL FOREST
Appointments
DAVE CHRISTENSEN, Landscape Architect, Heber RD
JULIE JENSEN, Information Assistant, Heber RD

Promotions
E. VAUGHN STOKES, Supervisory Civil Engineer, SO, to Supervisory Civil Engineer, Challis NF
RICHARD WILLIAMS, Wildlife Biologist, Heber RD, to Wildlife Biologist, Wasatch-Cache NF

Reassignments
ROBERT RIDDLE, Kemmerer District Ranger, Bridger-Teton NF, to Heber District Ranger
KIM MARTIN, Supervisory Civil Engineer, Gifford-Pinchot NF, to Supervisory Civil Engineer, SO

WASATCH-CACHE NATIONAL FOREST
Appointments
PATRICIA KLEIN, Outdoor Recreation Planner, Salt Lake RD
ANN KING, Outdoor Recreation Planner, SO
MARK HILTON, Electronics Technician, SO

Co-Op Ed
LINDA PETERSON, Student Trainee (Criminal Investigator), Ogden RD
GERALD SANDOVAL, Student Trainee (Botany), Kamas RD

Promotions
DENISE ERVIN, Forester Trainee, Ogden RD, to Forester, Ogden RD
STEPHEN RYBERG, Resource Specialist, Payette NF, to Evanston District Ranger
ROBERT DAVIS, Lead Forestry Technician, Ogden RD, to Supervisory Forestry Technician, Ogden RD
L. J. WESTERN, Payroll Clerk, Salt Lake RD, to Information Assistant, SO
LARRY LUCAS, Forester, Apache-Sitgreaves NF, to Recreation and Lands Staff Officer, SO
KATHLEEN ANDERSON, Fisheries Biologist, Nez Perce NF, to Resources Staff Officer, SO
RICHARD WILLIAMS, Wildlife Biologist, Uinta NF, to Wildlife Biologist, SO

Promotion (Temporary)
GLENN P. CASAMASSA, Forester, Ogden RD, to Supervisory Forester, Ogden RD

Promotions in Place
KIM A CHRISTENSEN, Criminal Investigator, SO
BARBARA HOUSEKEEPER, Support Services Specialist, Mountain View RD
JODI BAILEY, Accountant, SO
BARBARA BURGAN, Public Affairs Specialist, Ogden RD
MARYLEA NIELSEN, Budget Analyst, SO
MARY CLOUGH, Wildlife Biologist, Evanston RD

Reassignments
WAYNE PADGETT, Ecologist, RO, to Ecologist, SO
JANET HIATT, Personnel Clerk, SO, to Resource Clerk, SO
MARK SUCHER, Criminal Investigator, SO, to Criminal Investigator, RO
PAUL FLOOD, Soil and Minerals, Superior NF, to Soil Scientist, SO
BARBARA A. SCHUSTER, Forester, Siskiyou NF, to Forester, Salt Lake RD

Reinstatement to Career Conditional Appointment
ERICH ROEBER, Landscape Architect

Retirement
JOHN DOBROSKY, Civil Engineering Technician

Transfer Out
SANDRA LEWIS, Land Survey, SO, to Land Surveyor, BLM State Office

Transfer In
ELAYNE C. PARKER, Personnel Management Specialist, Department of Army (Arizona), to Personnel Management Specialist, SO

ON THE NATIONAL SCENE: Beverly Holmes is the new Region 5 Deputy Regional Forester for Administration. She has been serving as the Staff Assistant to the Deputy Chief for Administration. As Deputy Regional Forester, she will continue to handle all currently assigned consent decree duties. She was previously the Intermountain Station Assistant Director for Administration.

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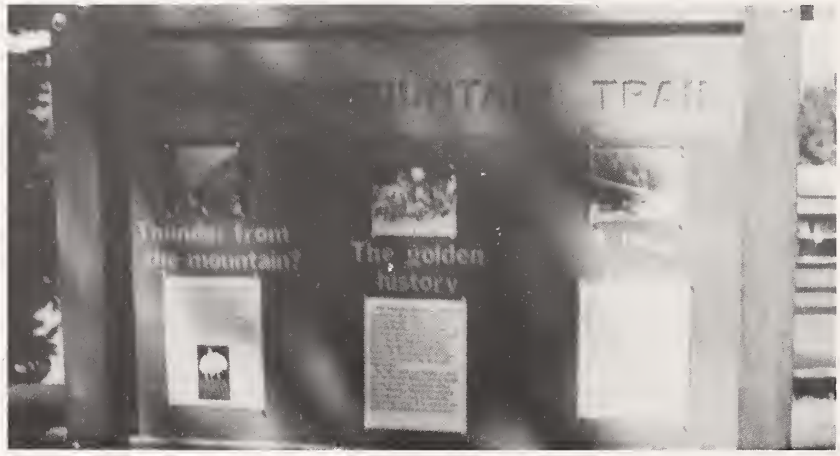
THUNDER MOUNTAIN

Thunder Mountain is on the Payette National Forest near the head of Monumental and Marble Creeks—both western tributaries of the Middle Fork of the Salmon River. An intense, but short-lived, gold rush began in the Thunder Mountain district in 1901, spawning the boom towns of Roosevelt, Thunder City, and Belleco. The town of Roosevelt, perhaps the most isolated mining town in Idaho, was drowned by a landslide-formed lake in 1909. Today, the waters of this remote lake ripple over the remains of that townsite.

Thousands of people from all walks of life came during the gold rush. To supply their needs, horse and mule strings found their way through the rugged terrain of the Salmon River Mountains. One of the routes involved travel from Salmon, up Lake Creek (past Williams Lake) to China Springs, then southwest to Yellowjacket on the way to the Middle Fork and Thunder Mountain. It was a long and arduous trip of over 100 miles through some of the most rugged terrain in the State of Idaho.

The trail from Salmon City to China Springs was steep and largely dry. At China Springs, teamsters and their animals could stop and refresh. The springs are named for three nearby graves that are thought to hold the remains of three Chinese men killed near there for their gold dust.

While the location of parts of the old trail are unknown or have been obliterated by roads or other activity, the segment from Williams Lake to China Springs is largely intact and recognizable. In 1991, as a part of the celebration of the Centennial of the first Forest Reserves in the United States, the Salmon National Forest is once again maintaining and reconstructing that segment of the historic trail for use by recreationists. An interpretive site there will provide information about the Thunder Mountain Trail and later about the Chinese graves. A dedication ceremony that included a barbecue lunch and a trail ride was held August 10 with the Salmon National Forest, Lemhi County Historical Society and Happy Hollow Vacations as sponsors.

Salmon National Forest Planning Staff Officer Gene Jensen explaining the route of the Thunder Mountain Trail to the 90+ attendees at the dedication ceremony on August 10. Holding the map is Coop-Ed student Alexandra (Alex) Davis. Alex worked her second summer on the Salmon Ranger District under the Coop-Ed program in Recreation Management.

Alex and two of her classmates at California State University designed and built the interpretive sign that has been installed along the historic trail at China Springs. Alex is a senior studying recreation management.